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1

ATTORNEY DOCKET NO. 01123.0004

SEQUENCE LISTING

<110> Rubin, Donald H.
Organ, Edward L.
DuBois, Raymond N.

<120> Mammalian Genes Involved in Viral
Infection and Tumor Suppression

<130> 01123.0004

<140> 09/509,712

<141> 2000-03-31

<150> PCT/US98/21276

<151> 1998-10-08

<150> 60/062,021

<151> 1997-10-10

<160> 127

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 925

<212> DNA

<213> Rattus norvegicus

<221> misc feature

<222> 1- 925

<223> n = g, a, c or t(u)

<400> 1

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tanatggggn cgggatcntn tccnaggana gattnatgga gtatnccttt tttgcnana	120
ggttgattgc tcttgaaagg ntttgagggt naattcctcc gtnagtttga ccgtagtcgg	180
atntgaagag ggattgttna gcagncataa tttcattccc tgnacacca gtaacnnttt	240
accgtcattt ggttgggaat tgatntcggg aggtanacan ggccacagtt atttattgtt	300
ncggaggatt gcaccaattn ggccggctgc ctctganatc tgtttctcat ccatgccggt	360
tcaccagac gaaagccgaa agcntcggga gtcttaactn tagtccntga aagtcattcc	420
cagctgcgta attgggctgt gcagagtcgc agtcggtaa atatttgccc cgtgactgag	480
ctggagagaa tgctcctttc ttggctctgg gcagctcttg gcagctcaca tgactgttt	540
acctatcctc ccacattccc cctgaggaa tcatcgtgcc tcggttccct taagtctct	600
caacagaaaa caaggcagag tggacgaag gaaagtgcgt ggccgtaga aagcctgtct	660
cgaatctgtc ccacgtgcct caggtagcgt tccaacagc aaagattcta gtgaagaaaa	720
ataccgtccg gtcaattagt caggtggaca gaggaggacc cgggtgtcttg gaagcctcgt	780
ccattcctct ggggaagggt gggggggggt tgtaatgcag ctctcaagaa gaaggtattt	840
ttgttttccct ggagaaactg ccatccagg agctgagagt ggatcagtag gaaggcctgt	900
gacaggaagc agggagggttc agcng	925

<210> 2

<211> 554

<212> DNA

*Cancelled
per P-# 13*

C1

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 554

<223> n = g, a, c or t(u)

<400> 2

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agccnggggtg	cgganagcca	gaccccgaggc	gtgggaaggg	gagagagata	gagcgggccgg	120
ttgggaagag	gaggaccgtg	gttnataaat	aacagaaagc	ccagagggac	gtanccatcc	180
gggatggaga	gaggtaggga	atccagntgt	aagtcceaaa	ctgccaccac	cttcatnaga	240
actgcttcgt	gtaaggtcac	gcaccgggcc	agctgtccng	agtggcggtc	ctggcggtgtt	300
aagttagcta	aagtnactgc	aactccgnct	gtgcagactg	ntcgtaaatt	ctctctgtcc	360
gccaaattct	ccctcctatt	aaacttttca	cttcctttca	cttagtttcc	tnactttcttt	420
caaacggaag	ctgtaactga	gcctgccacc	cnganacntt	gtgggttgcca	tttttatgct	480
aaagtaatcg	tgTTTTTTat	gcctgtcaac	tcccttttca	tntaaagcag	ggcntaccct	540
attataactc	tgcc					554

<210> 3

<211> 891

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 825

<223> n = g, a, c or t(u)

<400> 3

ttngaaanaa	tttccgtnaa	ggtcngnaat	ngggccccgga	aaaaatgngt	tcctccccac	60
cttcattggn	gcggatcctg	ccngggaggc	caatggttta	acaaataatc	tttnggagnt	120
ntggtngggg	ggggaggagc	nccacagan	tcatgnggtg	gttngggngg	ngggcatcgt	180
tnngatatta	tcacattntg	ngaantatg	tnggggcttc	ctttcngaca	ggtggtggtt	240
nnacangngg	atgtgtgctt	cttttttcag	cagtggtgga	cccggattct	aagaccctta	300
cngtaacaat	gccctntttt	cctaagccta	accagtcctt	tangaggant	gctcttggn	360
acccatgctg	nntcacctag	ccttggnctc	catnttnnac	acaggaaaag	gcagcatgtc	420
ttntnggagc	tcagcttatt	cccttcccnt	cccatccagn	atctccctgg	gntggatgag	480
gtggatgacg	catcttcaaa	gcacccacag	tntcatggga	tgtgcacagg	agcttcggtg	540
gaaatgtggt	gcgcgaccag	gcttgtgtag	gaaacaacag	actactcgaa	attaaagtcn	600
taccttgacg	ggttctcaga	ggctttttacg	catataataa	catttgaaatc	ntaagaaggg	660
agcacagcat	gtaatatntt	tcaaattatc	aggcnttgca	accttcatta	gtttctctta	720
cgcagctggg	ngtgggtggtg	tgtaccttta	atctcagcac	tgaggaggca	cngatatctc	780
catctctgtg	acttccagac	cggcntcgcc	agagcaagtt	ccaggccacc	cagatgagat	840
gctcacagag	gggacctttt	tntgatgacc	aacgnagnat	gcaagtaagg	a	891

<210> 4

<211> 974

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 974

<223> n = g, a, c or t(u)

<400> 4

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nttattgccg	ncntttcccc	cccgtnttg	cncccttta	cttngagant	ngtgntncna	180
agattttnaag	gttnttgccc	ccccggcttt	tnntccccctn	nttttcccn	nagntttaaa	240
accggtntgg	gttncnantt	nnttgnaacc	ncnattggg	gtttccgntt	accnggggtt	300
ttccccatgn	cgtttccctc	caatnttgna	cttccnggt	cngggteena	atnccnngna	360
acngntcnan	cettattgac	aattaatttt	tccttgngna	ntctgncccc	cngnantttg	420
gggttcttgg	gngcagggcc	tttttttct	tggngcaan	cncataaatn	ttaccagntt	480
gattgctaag	gaagtancca	tggttgngaa	cccccccttn	ttntctccca	gatggaaccc	540
aggattttgg	aactgcagag	gcttcagggg	cttgggaagc	ggaggcaggn	aaagattgga	600
gtgcactgtc	cttttgcaat	atgggggttg	cctgcctgct	ggctctctc	ctgctntntc	660
agatggtgac	tgaggctact	tcngcaggac	tnggaataat	catgtccagg	tggctgcct	720
tccgagcaga	aaggacaga	cgtggggcga	tgaagtgtgt	atcgtttntt	ttttttctg	780
cacagactgc	aaagtgtgca	gagggagggg	ggctgtgcaa	aaaaaaaaaa	aaaaaaaaaa	840
aaaaaaaaaa	ccgaggacgc	agaagttaga	ctgctgaccc	atttggtgca	tgtgtgcccc	900
tggaggagg	ggaccttntt	taaaggggtc	acggggcacg	cantgggnaa	nngnncctnt	960
acgnnnctcc	caga					974

<210> 5

<211> 850

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 850

<223> n = g, a, c or t(u)

<400> 5

anttttccct	caagnaaant	ntggtttggg	caacttgaag	acgcttnnac	cnaaaaccct	60
tgnggagntt	ggngaccttn	ttaccgnaan	gagtgggaaa	cgttttccctc	cgggttnang	120
gttaggggga	cccgnnggaa	aatttttaaaa	ccnngngggc	tttttcgaat	taaggggaaa	180
ngcggtttng	gtnnntgaag	ggcggnggt	tggactcna	gtccagagtt	gatttccacc	240
cacaaatntg	ggaggtgncg	gggaatgntg	ncnttttctt	gngatgaggg	ntgccgtnc	300
ggantaacag	ngnttgcntt	gtntngcnaa	acgaagagtn	tcctgnttgg	aataggngtt	360
cngttcgaag	ganccagatt	tangngntgg	agnaaggatt	nggcagataa	angcntgaga	420
natgnancnt	ggancaggtc	nggncnnagn	ntacagatga	tgnnccana	canganataa	480
ntncagatca	cagtcgtacc	cgnggctggg	ccatgaanag	ggcatcccc	gacnnacaca	540
ngccttnana	antgntcaga	gaaccancag	tggntanggg	ntgccnnnn	naccagggaa	600
gacccggggc	gtgncggata	ttgacacanc	agatnncatt	tggggncggg	tcgagggttn	660
atgntcncg	agtaenagan	angatcntcc	aaccgggaat	ncggtgctcc	ngtcgtccga	720
tgnaatgagt	cgncggnaa	cctcatatcc	aagaaacnat	acagcagtg	nntccgagtc	780
tcgtatantc	nttgccggng	gaggctatnt	tcagaggna	agattaccgt	tagcgggana	840
aagtngaana						850

<210> 6

<211> 531

<212> DNA

<213> Rattus norvegicus

<221> misc_feature
 <222> 1- 531
 <223> n = g, a, c or t(u)

<400> 6

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ngtctnntgt	ctgtgtngtg	cccctgtccn	catctctcac	nccagggaga	gagatgtgag	120
ananacatca	gagatctctn	gnacagtgtt	tcacaagagt	ctatcncana	gagcacatct	180
gcccggggng	anacacaact	ctaaatgtgt	ctcanntgat	ctctctnttg	tgtctctnac	240
atatngggac	atgtctctcag	agtatnggnt	ctcttgngcn	cttntgcaca	cacacacaca	300
cacacacaca	cacacacaca	cacncttctc	tctggcacag	ggntatggca	nagcacatnt	360
tnngagntca	nagctntata	tgagtgtgtg	gcgaagggng	tnatnanann	gacnncccca	420
gcnnatatag	ggggngnnc	tctngggctc	tcttnggnaa	tnngngggng	agtctgcnca	480
cacaggcgct	cnnacccanc	nnnttggggc	ccccagggng	tttttcnccc	c	531

<210> 7
 <211> 572
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 572
 <223> n = g, a, c or t(u)

<400> 7

ttttntgtg	gccctttaaa	ctctgngtgn	ccgtntnccc	nagagggggg	gtctcacaag	60
gagacancgg	nnacacagag	gttttgngnn	tattgngagt	ctctgcgcac	nccananttt	120
aaccncgggg	ncntngttt	tattttaaaa	aaaaagagtc	ncatgtntat	ttctctnatg	180
tgaaaatcnc	attcanagtt	ntgggggttc	ccttgaggag	anatagagtt	tcacactctt	240
ctctccgagg	ggtentcnca	tgtntctccc	caatgtgngn	ggnacacaca	tgngggcccn	300
aggggggtgng	ctctctctgc	ncagggcnc	ccccaanang	tagaganaca	ntgtgggtgtt	360
tcacaacaca	attcncgaga	nattntgttc	cncantggnn	gtctnagntc	ncatgttgtg	420
gngacangtt	agnnnccccc	atnttcnccc	cccttccaca	ctgccccnag	agagagaaan	480
tctnggcccc	ctctanannt	ntttttaaat	cnccccnnac	cacaggtntt	cccaggggtat	540
gngacntcnc	cnnccccncn	aaagatntgc	nc			572

<210> 8
 <211> 906
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 906
 <223> n = g, a, c or t(u)

<400> 8

tgggagtctc	tctcatatgg	cgcnttcncc	aaaggggngt	ctctntccng	agnccganac	60
gcgagaanac	tctgtnnant	ngtctcccc	cncncnaca	gngtganant	caaaacctct	120
agagcccccc	agaaancccc	tntctcaaan	aaagagaaag	agaaganca	gnagnagaga	180
ganaganaga	gagagagtgt	gganctntnt	cctcnganc	ccannnanan	ngtgngggcnc	240
actcncnngt	gnngngnacc	ccnggggatt	tnccgtgtc	cccttgngct	ctgtntanga	300
gananatatg	tntagtctct	ctntcgcccc	ctccgtgtc	acgtgtgcgg	ggcccnngag	360
acacagacac	ntctctcang	gggaacacat	anngaetcnc	acntgtgttt	atattcnccc	420
ctcccnctca	cacananaca	cacacagnag	atattngct	actctctctc	tgtcacaggg	480

gtacanattt	antctnggcc	anacccctct	cngaagngng	ggcanngtaa	accccgcccc	540
ctctcngaga	angngagggc	gntttacntt	ccngtggcg	tgtncgngcc	cccgagactc	600
cccttngnac	ccccctntna	accctctntt	tgaachcaac	ncacntccc	cnttttctcg	660
gggnnggncc	ngcncccnct	ctcncaaaaa	aaatttnaan	ttngtcccc	nccccntntt	720
ttcnggnana	aaccgtgtcc	ggggggggan	nactcttttt	tgnccttaaa	atcaantttt	780
ttcccccttt	ccnggggacc	cccgntttcc	tttttaaaaa	aaaanaaccc	tttctccctt	840
ttaaaagnac	ccnttttttc	naaaaccgtt	ccgnatttaa	ttcctaaatt	cccttcccn	900
ncccg						906

<210> 9

<211> 914

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 914

<223> n = g, a, c or t(u)

<400> 9

gggatngcc	ctcagatcaa	tacacccctc	nggggngtc	tctctctatc	tccncagna	60
gactcccatc	tctntntntn	ccccaganc	tgngaaacgg	ngtgtggnga	ncntntctg	120
ttctcnantc	tctaaaagng	cnaaaagcgc	ananaacgn	gcctctctat	anatctcacg	180
tgteccnngn	notctengac	ccctnntctg	tntgagagac	accctntctc	aaaatatagt	240
gtacacgngc	tttgnggctc	tccccctttc	tctccactnt	tgagngngaa	acgcggngtt	300
ntctctgaga	tgtaganagn	gtcccctnct	cnatatatgt	gttnccact	ccnnaggngt	360
tctcataaaa	atcnctntnc	tcaacaccac	cncctcnacc	ccccncacga	gaacacntcn	420
ccaccncnan	gacacaaana	naaggngtnn	anaacccan	aaaaactnng	ntntcngntt	480
tacacacaca	cacacncacn	ctcnncaca	ccccacna	aatgggagaa	aaaacagaga	540
ggngtgggtg	ttngnntcaa	cacctnttta	cctctctgnt	gnnanttgag	aaaatatttc	600
tntncttacc	cctctccctc	ctctgtgtgt	ngannatctc	ngntctagat	gtcctnacc	660
tccccaaacc	tttctcnggn	agagacntct	ctntnttttt	cccccncttc	catttgaaan	720
anangagaag	gnccaaaaag	gngggngtct	tctcggaat	ncnccctttt	ggccccccaa	780
cctgggtttt	tttccccctt	ccttttaatn	anttttctna	nacaaanctt	tnngngtttn	840
ggaaaangcc	tttnnctgnn	nntttttttc	cttccctttt	tnnangggnt	tcccccccc	900
ccngaatttt	tttt					914

<210> 10

<211> 400

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 400

<223> n = g, a, c or t(u)

<400> 10

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acagtttatg	aatattatta	catatttcac	aagactttat	attgttataa	tatgcctcat	120
gtgagatata	tgtgattctg	tggtgggtgt	ctcagagggg	gtttgggtta	ttggggataa	180
tagtttgccc	ctcgcggggg	ctatatattt	atatgtgaca	caatatatta	gagagatttt	240
tggttatata	tatttccctt	cgcgggggtg	gagatttatc	acagggggag	agcttttccc	300
ttgttagcaa	aagtcctctg	tctcgtcccc	catctcccaa	aaaaaaaaaa	atgtgaaaaa	360
aaaaaaaaaa	agggccctc	ttgagtgatg	tccccttctt			400

<210> 11
 <211> 880
 <212> DNA
 <213> Rattus norvegicus

 <221> misc_feature
 <222> 1- 880
 <223> n = g, a, c or t(u)

<400> 11

acccaatctt	nanggtggca	gtgnggnnga	tcttaacggt	tttnagaaa	aaaaantnct	60
tcgctcncac	ccccaagcct	cccnttctta	ncagcttttt	tatangaaaa	aagatgataa	120
cgaaatttta	aaaaccgctg	ttagaggaaa	tgaaggttca	gccgaccatt	acctganagt	180
aatgaaggtn	ttccggaggg	ttgccttcca	atcccagatg	gatttgagtt	tcaggatcaa	240
ttcagttacc	gntgaccatc	caccnncctc	cngtataatc	attngatgag	gatgaatggt	300
gagtgaagtga	tgatgatgat	gatgatgatg	aagggatgag	aagnacacta	tgataacaag	360
tgtctcagtc	cacattaagg	tttgcctgna	aattagtgca	taagccatgg	gagacaaatt	420
cttttcnnac	acaattaata	gtntcttant	ccttcccatc	ttctctgccc	cattctgttt	480
tccaccacag	gtctgcagcg	ggctacagct	tccagctctc	aagcaaatac	cagaactgga	540
ggagaaaatt	ccagtcacgt	gagtcatggg	cagggggagg	ggtggggtaa	gggcagtggc	600
gctcattcct	nacatggtgt	cttctcttgc	ctagcctggg	atctgagggc	aagagaacct	660
gtaagcttga	tttgatttcc	actgctgact	ggagtcactg	ccaagggatt	tgggacttct	720
ccatctctct	ctctaacctg	aaatccttag	gattctatta	tttcaccgga	ccagagctgt	780
agcagagatg	agctccaagt	ttgaaatgag	aaaggggaaa	ttgagagcta	tgagctaggn	840
gcgaaagncc	ccacaaagnn	tttggcaagt	agaaaagncg			880

<210> 12
 <211> 909
 <212> DNA
 <213> Rattus norvegicus

 <221> misc_feature
 <222> 1- 909
 <223> n = g, a, c or t(u)

<400> 12

cgngagnngg	cagggannna	ggngggagcn	ngagaggaga	aggagaaggn	nnggnaggng	60
nngngagnaa	cgggcgggan	cnnnngacga	gagaangggg	aggggancga	agngcggngg	120
nagacggtgc	nnggggggga	ggggcaggag	nggnagagag	gcangagnng	agnggggaca	180
agcnnaaanc	gaggaggnan	gangngangg	nnggnngnc	gaaggcgenn	aagnnggtcg	240
gngagcggna	gnggnnaaac	tggggaaacga	gacagacggc	cccnnccgng	gcangnggga	300
gagnnncgcc	agngagagna	gncagnanca	gancanggga	ggggggggan	ncacnggcgg	360
gagggncgan	gacggnnngn	annngnnaga	ggcannnnnc	gccnanagn	ngaagnagag	420
cangagtgnc	gcnnagnag	acaggcccg	gcncggggg	cagacnnngg	ncaccaccga	480
gggtggngg	ggcncggaga	naagaccaga	ggnnngagg	cganggcnn	ggtngggccg	540
ggccnccna	aaaaaanncc	gaaaaaaaan	aagggcgcn	gcngggcgng	ggaggagcgc	600
ntnncgtang	tngantgacg	gaggccngna	atngggccgn	gccanncnag	ggcgagagag	660
cccaagncg	gnaggngnaa	gnanagancc	ngnnngtngg	gagnganagn	gcnnngnncc	720
naccccnngn	gttganggcn	cccacgncgg	ngcaggccgn	nnaaagnag	tccccnaaaa	780
nntcgnggt	tnacancgnc	ccggggncgc	cgcnngtcc	cgncacacng	gannncggag	840
anngcctnt	ntctncacan	ggngccanac	nngntgctat	gcaaaagggg	cgnacttcna	900
gaaaaagnc						909

<210> 13
 <211> 927
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 927
 <223> n = g, a, c or t(u)

<400> 13

cctttattcg	gaggcaggga	nnncttgtcc	gggaangtta	aacgtttttt	aaaagggggg	60
ncccnngggg	gggggnttnt	ccagggaant	aaaanggtgn	gttggggggg	aaaaatttat	120
tttnaaaaag	ggcgncnat	ataaangacn	ttcgggggg	tttgaanagg	gccggaancn	180
tcgacgggtt	tccggngggg	ganaaggana	agggnacgca	cgggatttct	tncccttttt	240
tngcaaattg	cngcaggana	ccaccgggtg	ggnggtttt	gttttccgtn	aagaaagcgg	300
gngtggaaaa	acanggataa	acgggaagan	gggtttattt	nggttagnaa	ttgnttccag	360
ngnggccagg	aaattggcct	gtccaaaatt	cttttccng	cttttaagac	aggcagggtat	420
tatttggcag	caggttatta	cnataggnaa	gtaaataaca	atgggtaagt	gcctggcaca	480
ggccagggtg	agtagggcat	gtatggaatg	ttaaacatta	cccttcatcc	tgagaaanaa	540
aanacaagna	anaaaggctg	gtctcacata	tcccaaagct	ttatcttct	aggtgcccc	600
tggtgaacgt	taagccaagc	ntatgantca	caaggacga	catgggcagg	ntaggggtaca	660
gaatcagtgn	tcagagactc	caggggcacc	cctgattccc	tttgctgtca	cacagacact	720
gctccaggga	caaccctccg	gatgtgagta	tatgattccc	tgatgggtgac	gctgccgtga	780
tgggacactc	ntcgtggtag	cacacattcc	tcagtcagct	tctgagcntc	aggggtccag	840
cagagcacag	tggcaangac	tttcattctt	nttggntttt	cccagggggc	gtncccaaat	900
ggaagatttg	gcaagntaag	gaagntc				927

<210> 14
 <211> 848
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 848
 <223> n = g, a, c or t(u)

<400> 14

ttttccaagt	aaancanggg	anttcggtan	aagaangttt	aaanaagngt	ccaggcancn	60
gaaattttcg	nggntttggt	taacgangca	accagggggg	ggtttcaang	ggtcttctaa	120
tnatttnaan	ggngtagt	tctggtnggt	tcattccttn	aaaaaaaaac	aaaacaaaac	180
aaaccgnagc	ttctgcattg	gccaccngtt	gnngcaccaa	cccttnangc	attgcccttt	240
ccttccctgcc	gtgtcggng	gcgctaagen	gcccttgta	ccttccattt	ntngatcatt	300
ttccatgtcc	ttgcacttct	gcttccactt	cntgttggtg	gacgagctgt	atgntcagaa	360
antgaagtac	aaggccatca	gcgaggagct	ggaccacgct	ctcaacgata	tgacttccat	420
gtaaatgttc	atgcaccctg	cctgcttgca	ccctcacctt	catgcttggt	tgatgacctc	480
accgtggctc	ccccannann	aaaananatc	catgtctgca	ccttttggtg	gctttcttgc	540
ataacctagg	ataggttatc	ttttccacgt	tgactaaca	aggccacgcg	cattcgggtcc	600
gtgaaaccac	ctcgcatcc	ttttatntca	tagaggcaaa	tntagcttgt	ttctgccgag	660
agatgacctg	gactccgaat	gggctctgag	tatntccttt	taaaacctta	aaccagantc	720
aagtaaagtt	aggaagccat	gaggcagtg	tgaggaagt	taggaagaaa	naccgggttg	780
ttggtttctt	ggngctgggg	tgagggacca	ttgatagacc	tttacgaaan	ganccgcang	840
atagaaaa						848

<210> 15
 <211> 896
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 896
 <223> n = g, a, c or t(u)

<400> 15

agagaaaaag	gaaanannga	aagaaagagg	agnaaaaana	aagaggnggn	aanaaagaan	60
agangnanaa	agaananant	nngagattac	gaantcgggg	agagngaaag	gaaacaaagn	120
nggnggnaaa	gagnnanttn	tttcaagggg	ccgnaacaaa	aagttgagng	angattccna	180
acaagggntn	nccacccaan	ctgntaaagg	gangatttgg	ncaaacanaa	accngtattg	240
gggagttaaa	aagagtcacc	aaatagggaa	aaaaagttng	ggggaggggn	aacnacnggg	300
taaaggttcc	aggaccagag	ngttcagnac	caagtttcag	tattcaggag	gacagagttc	360
aggatcnntt	tggaacattg	gggtttgggt	agchtggnaa	cacgaaccct	tttgttcata	420
aaaaggaagg	gaaaagaaag	ggnggaagag	tntcccaga	tnnatntga	gcagagaatg	480
cccgaacccc	cgaatacgta	gttccaaaat	gggattgnac	ctgtttcacc	tcaaatttca	540
ntntccttc	tngtggacag	acgcagggat	gggttcgggg	aagggngaa	gctggtgcgt	600
gttctgtggt	tgccggtgga	tgntctgcag	ctgtntaccc	caccgaaaac	gaatggatgg	660
gatgtcactc	ccaggcagta	gggggcgcac	gcgcattgtg	ttntagagag	anttccccag	720
cctccccngg	aannacaaca	cgtnntcttc	ttcttaaggt	ggtggtgggg	ggggggggga	780
agacctattg	ctttccgaga	ggatcggacc	aaacagcaga	ttntgctcaa	ggcccttgaa	840
ccctgntatc	tcactaaaca	tctgagatac	tgacattaca	gatacggata	tcgtgg	896

<210> 16
 <211> 858
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 858
 <223> n = g, a, c or t(u)

<400> 16

gccaatcaag	ttncggttaa	atthttgaaa	ngnggcgaat	gcnnrtgtctt	gnnggattttg	60
gagggnggaa	ngtnggtnaa	agagttttta	tgttcttggg	atcgcaanta	ttttcctggg	120
tcgcncttg	tacattatga	gggttgataa	cngctgtttt	tnnatthttg	ttaacanggg	180
ngggngcntt	tttnggntga	cctntagtnc	ntcngngccg	ggcatttttg	ntaccttttt	240
atthtttngaa	gtncagggat	gttgtgtact	gggaattatc	cttagaagtg	accatgattt	300
tatatthttat	taaatatata	cttagattca	ntctttgcct	aagcctggat	gttgttggtt	360
tttgtttttg	ttttgttggt	nggagagttt	tcattttccc	aagctggctt	tgaacattca	420
cttccacaca	aacatgtcca	cacacgggca	aaggtgtatg	cacagatatg	gacataaacac	480
acacagagaa	gaatnacaaa	caaacaaaca	aaatatthcn	gacagaaaca	antaaatata	540
tccagaaggt	agaatattct	acaaggcatc	aaatctgttc	ttaaagaaaa	gttataataa	600
agaaaaacat	tgaaggcag	gtgaaggaga	ttgaaggcca	taggggccac	aaaaagggtt	660
aaacagcaaa	gcaccaacgt	agatatccgg	aacgtgttaa	atatggcaca	cacaggatat	720
ccgggaacga	tgagtcagcc	agcggcacat	ataaccaacg	atgtaatctg	ttatgtaact	780
atgaatcatc	cctggcagag	tgccaccttt	gtgtgatttt	tgtataaata	tgcccttgag	840
accagaagcc	attgcctt					858

<210> 17
 <211> 551
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 551
 <223> n = g, a, c or t(u)

<400> 17

ttntctgtac	ccccttctca	aaaaaagtgg	ctggtgncct	ttctcngaag	agaatcctca	60
ccnccncana	anaaatatct	ctctcccccc	cttgttgntt	gtcncccnnc	ccaaaantgt	120
gngatctntc	tctctgtgca	cgaganattt	tagaggggga	tatccccggg	gtgtngccng	180
tgtctntcct	ctcgcgaata	tctttangag	nctctctctc	tcganccccc	agngtaggnn	240
gagngganaa	catttttntg	tggngggccc	ccacaananc	acnaacaana	tattttcgag	300
aancncatgn	ganaatcggg	gggggggggg	ccngtgttna	cacnatancc	ngggngatna	360
nanagacacn	nnatatntct	gggntgtgna	aanataanac	aagancanac	atgnggagan	420
natgtgagan	tgtgcacacc	ctgttggtgac	atgtgaggtg	gggggctgat	gatncctncc	480
ttctacgtnn	tntcttctcc	tcncantga	tagacnccac	ctgctggagt	gnctagctan	540
ctgggggtcgg	t					551

<210> 18
 <211> 888
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 888
 <223> n = g, a, c or t(u)

<400> 18

gttaaataatg	aaaaagtggg	ggtgacaggg	ggtgataccc	tttgcgccgg	gctatggatt	60
tttggcaccg	ataagatttt	caggtgacat	ggaaggtggg	tggggatggg	ggaaagtttt	120
gaggggccaa	aaggataagg	aggatgattg	attggtttgg	gagcagtact	tggaaagagt	180
gtgtttgatc	ggtaaacaac	cacgtgtagt	gtgtttttgt	tgcagcagag	ataagtgaga	240
aaaagatttc	aggagatctt	gatttttttc	gggtcgagct	atggtggggg	atgtgagggg	300
acaattcaca	agatttggtc	acagggagtt	ctaggaggtg	gtcccattag	ccggtagggg	360
ggttttctca	ataaatgggt	tcagtcaggt	gtttgcctag	atctttcatt	agttcctccc	420
ttcaaaggga	ttttgaagga	gtgctttgtc	ctgtggagca	attgactcaa	tcaataaact	480
taagtaatct	cccggattac	tgttgatgcg	ttcccagaga	ggtcccccg	agttaccagt	540
gaatcacaat	ttcctaacca	tatgattttt	gttaatctca	ccacataaac	ccacaattct	600
cgcgtccttt	gtgatgggtt	caaagtctgg	aatatttttt	cctccatccc	tcctttcctt	660
cctcctttta	tcctccctt	ccttttttcc	tttcacagga	tctcattatg	cagcccagtc	720
aggccttaaa	cttgtgatcc	tcctgtctca	gcctcctagg	tgtaaatgat	acccaaatgt	780
aaaccatgtc	cagttacttc	ctcctaatacc	catcttcaga	tatcctttaa	gaccaaatta	840
aatattaact	gaaagacccc	accagtaggt	ttggcaagct	agcaaaga		888

<210> 19
 <211> 867
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
<222> 1- 867
<223> n = g, a, c or t(u)

<400> 19

cttttttctaa	atTTTTTTtaac	gggggaaatc	aaacggcaaa	aaagaggggg	gaccacctca	60
atcaccacaca	gtggaaaatt	ggtgggtatc	aatcaggtgt	tattaggggg	ggaggaatgt	120
tggggaacaa	aaaaaaaaatt	ttaaaaattt	ccaggggggt	tttgaaggca	ggtgatttaa	180
aaaccgcccc	tcagttaagg	gggtttttatt	tttttttaat	aaaaaataaa	attaggattc	240
tggaatagaa	tttttaattc	agggatcctt	atTTTTaatg	tttccagggt	aaaagggaga	300
tattcttatac	aggtttcttg	aaaaagtgtg	cttgggtttc	tttggcagga	gagagggtta	360
aaaaagactt	catttgaact	ttttgatcat	tgtgtaaaa	ttttttttt	gaacaaaaca	420
ataaaatgta	aaaagatata	gatcttaggt	tttttaaaag	acaaacatat	aaaatattaa	480
aacagattgt	ctgtcccatg	caaatgactg	actgaccttg	taacagctcc	acagagtgtg	540
taaaaaacaaa	aaaaagcccc	ctgagagcct	tgagccatca	ggttaagtct	cattttattaa	600
tattttcaag	gccacaggag	acactctgtt	cccttcattt	agggaggtgc	tgaggcagcc	660
atgttttccc	agcagtgggg	gttgggcaga	gccactccag	attggcttgg	aggggtgtgt	720
agctctcagt	ctgcccggac	ttggatgggt	tattttctta	aacgaaaaaca	cctgcctgag	780
aaagagccct	tttcacgggg	tggccaagtc	ccagcccgcc	ctgggagcca	aggtcaagtc	840
ttagcttagc	gttctaagga	cacagat				867

<210> 20
<211> 897
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 897
<223> n = g, a, c or t(u)

<400> 20

aaaggggnanc	aaaaccntaa	nggggagggg	nggggaaatg	gccaaaantt	gggggttaaaa	60
aaagtttagga	tntggttgga	tccnaccac	aaggaatttg	ttnttaattt	tttaaaggna	120
aatttgggca	cttcnattgg	gaaggttaaa	accaggcaa	gtgntaccgg	gntatgcaag	180
tgaaacntga	ttctggnngt	ggaggggaag	atantganat	gtgagtgagt	gcagttgagt	240
gaggacttgt	gagnacaggt	catgccacc	aaagggagga	gcaaggggtg	gcagtggtag	300
gtggtgtgtg	gttcctttct	gggggntggg	cggggagaca	gatgagaacg	ntattggagg	360
acaggnacaa	gtgtactgaa	atgcaaattc	ctgtagatct	ggaaaaggtc	tggnttcagg	420
cttgatgctt	gggccggcaa	ctgtgnacct	tccctgnacg	ttcagccccc	ccacccttac	480
ggaagttttc	gtcactgaag	actagtggct	aatcagagtc	ttcaatggac	ctgccaatca	540
gaaaggaagg	cgggntnttc	cgggtgcnta	ggtgttaggat	tcgctcagta	gttaagcagt	600
cttaactggt	tctggctgct	gtgctntctg	tctgcccgtt	ggattntctg	agggcatgtt	660
aggcaagctc	caaagttgct	acatgggtgag	cacaggggca	gggggggcgg	gcggacgggc	720
aggggactga	gcagtgggag	ctggtgtggt	gggtctttcc	cggggctgag	ttggaatccg	780
cggctacccg	tgaggtctta	gccactcact	agaccagcgg	gcagtttctg	aataactttc	840
nttgtagggg	ttggnactcn	gnaaagactt	ccacnaagg	cttggcaagt	agaaagg	897

<210> 21
<211> 435
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 435
<223> n = g, a, c or t(u)

<400> 21

gattccagag	agaggagtga	actggcagat	aaggcagtca	gcataatggc	ttagatacca	60
tgtgctttcg	ctcactatgc	acccatgaca	caagatcaca	gggtacaggc	ctggaccatg	120
gcagagtata	cactggtttg	gtaaatgaag	aggagagaca	gagtgggaag	tcggcttagt	180
ggatatggac	ttcaaatttg	atgaacaagc	aattcaaatg	agtatcgtgg	gcttgantgg	240
tatgaagacc	cgtttgcaaa	gcagtggcca	taagagagaa	aagagagaga	gagagagaga	300
gagagagaga	gagagagnaa	gagagagagn	gtgtgtgtgt	gttgtgtgtg	ttgttgttta	360
ttggttnata	acaanatnta	cctttgggcn	ctttnagaag	actntncaca	aaggagcttg	420
ncaagctaga	aaggt					435

<210> 22
<211> 894
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 894
<223> n = g, a, c or t(u)

<400> 22

gaaaaaaaaa	aaannataat	tttaattttt	ccccatttn	aagggaatn	ggaaattaaa	60
natnggtttt	nagcccaatg	gaaattaaaa	ttaagaaggt	tgttttccaa	aaacctttcc	120
ctagaggana	accggccnat	aggngggggn	agnatggaag	gattttccag	agaggaatca	180
gtttggngag	agaatttgat	aaggagttcc	ttggaaccaa	ccnggagggg	gttttggttt	240
nngggattna	tcangatggt	tgctccttggg	aagcataagg	ntggtttatt	atthttggtta	300
aaggggatga	agtaacctgt	gttgcaacttg	gtagcccaat	gtcctgtcat	tgtgctttgg	360
atgtaggcag	ctttgaaggg	atttntcctg	agaggatctt	ccggatcaga	gtatatcgcc	420
ttttcttggt	gaggccccat	agtgggantc	cgcacttcac	catttctttt	ccgcccgcgc	480
cagttcggtt	ntaaccaccc	cgcgtggcca	cgatcccagg	gacatagcgg	gacaggcccc	540
gcagtgcggt	gacacacgtg	ggcacacccc	acctgtgcag	ccggtggctc	gcgntgaagg	600
acacgaggcg	cgacaatcgc	gcgcggcgcc	gaaggccaac	cgccgcgttc	atggtnntca	660
gaccaaagac	ccacaagnta	cggttccgg	tttccgggac	ngaggccagc	ccggttcccc	720
cgcgntgvcg	cagtgcaaan	tcggccttcc	ccgcgggaag	tactcctggg	agcggtttcg	780
gcgcgtggca	cttttcggtc	cacctggagg	caacactggc	gccntttcct	gtttcagttc	840
ttgntaggct	ataagtgaag	gacccccan	gtaggtttgg	caagctagcn	aaag	894

<210> 23
<211> 594
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 594
<223> n = g, a, c or t(u)

<400> 23

ccattaatgg	ggnggggnaa	agggataggg	atttgggcn	gnnggttant	ggggaagtgg	60
gattttaagg	aattccccaa	aaatattgat	tcttccaaag	tattttcctt	catttcccaa	120
nagagtaatt	tcaaaagccc	cagntttgtg	gaatcanttt	ttgaanatat	gaaaaggccc	180
taatggtttc	ggcattatta	aggcccgctg	aggacactgn	tcaagttact	cttgggaaggc	240

gtttntggca	gaaacagaac	agccccgttg	gcacggacag	tgtccactgt	ttatctataa	300
atcttttcaa	gcagatcttg	cagccaacta	ggtacaagag	tcggatgggg	atggggggcg	360
gggagtcaga	gaggtcggaa	caatgaggcg	gaaacaaaa	ntntgaaaca	cgccccacctg	420
aacaggacga	aagggtgggg	cttgggtccac	ccagaaggaa	acctcgaact	ccacntttca	480
aggtatccgc	tccgggttag	cagccccggc	caaacgcccc	tgctgggttc	taacccaacc	540
agctacgaaa	gcaggctnga	ccactagctg	ncctcgactt	gaaagttccc	acaa	594

<210> 24

<211> 586

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 586

<223> n = g, a, c or t(u)

<400> 24

atccaatnat	tgggagtagg	acagggggatc	gggattngag	gccagttggg	ntagtgggat	60
gctgggaatc	ttaaggaatc	cccaanacat	atggattctt	ccaaagtatt	ttccatcaat	120
tccaaataga	tgtatttcaa	aagccccagc	tttgtggatc	agtttttgca	ntatatgaaa	180
aaggccttan	tgnttcggga	ttattaaggc	ccgctgagga	cactgttagg	gcgcntcaag	240
ttattcttgg	aagggtttct	ggcagaaaaca	gaacagcccc	gttggcacgg	acagtgtcca	300
ctgtttatct	ataaatcttt	tcaagcagat	cttgcagcca	actaggtaca	agagtcggat	360
ggggatgggg	ggcggggagt	cagagaggtc	ggaacaatga	ggcggaaacc	aaaantntga	420
aacacgcccc	cctgaacagg	angaaagggt	ggggcttggg	ccaccagaa	ggaaacctcg	480
aactccacnt	tcaaggtatc	cgctccgggt	tagcagcccc	ccaaacgccc	tgctggnttc	540
tacccaacca	gctacgaaag	caggcngacc	actagctgac	ctcgac		586

<210> 25

<211> 909

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 909

<223> n = g, a, c or t(u)

<400> 25

gggggggtgn	aaattgagaa	gcccnccttt	cntctttggt	gtgaanacat	ttncctntcn	60
gggggatccc	tnggttccgg	aaggggccgcc	ttagtnttcc	ttttcctcca	cctatgaaag	120
gggnnggagc	cgattaaaag	aaggngggag	cagngaggga	agcggagctt	cgccccgttt	180
ccgnaccctt	aacctgtctt	gttcggggggg	ggagngtgcc	accnaccggg	gngnggtggc	240
acggagatnt	gagggggagg	gatggtttgc	cntggccgct	ngtgggtggg	cgggcaggcg	300
ccggcattcc	cggcaccttc	ngaagacnga	gccgggttca	gggacnnaca	ntccccgcca	360
agnnggacca	accgcttcgg	gtgggttccc	cggttgntng	gtgcccaggc	cgnacgccgn	420
gacngaggga	gacccaagga	cntagantca	ccggtgagcg	ggccggcgcc	ggagagcgga	480
aagaggagcg	tagcacagcg	cagntcggcc	agacgttggt	cttntaccac	ccaccgagcg	540
tttaaaaaaa	anaaaaaaan	cccgcggcag	cggacttttt	ttgtagcgga	gccccggcggn	600
gtcacttgcc	ggaagtcccg	ccntcggttt	ctgccaccgc	ccntcggtta	cctgggcaac	660
ggcgcggggg	cggagagtgg	ntgcgcccac	gggcnttggt	ggggtggact	caggccccggg	720
ttccccgatcc	tngtagaatn	ttntagaggc	ttttcttcta	tgcgaggtac	cagagggcg	780
aagtcttgag	gtggagaggt	catgtcccag	agccgtaagc	cggggacgag	tgctntcagg	840
cnntgtgcan	ttgggatcct	nnggnccacc	ntgagggtcn	tcacaaanga	agcngncnag	900
taaaggagt						909

<210> 26
 <211> 576
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 576
 <223> n = g, a, c or t(u)

<400> 26

ggcaccgggg	taanangggg	gggagtngtc	ctgggnncct	tgaacgctgg	gggaggantg	60
gtngggggct	ccaagggggn	nggggaganc	tnaagntcnt	caanntagag	agggggaagc	120
tccccactct	acatctgttg	tcggagcacc	cccccaccca	gagggcgctg	tcagtcatag	180
actagagacc	tcccccaag	tgntctnatc	cttccaatag	acgagccctc	ttgacgcctt	240
tttcagagaa	ttctctaata	ctcgggtcac	ttccgcccc	ctgtcaagac	ttcacatatg	300
tcctccacgc	gagggggtgt	ctagaacccat	cataagaatc	tctctgtcct	cgttctttcc	360
tgtgataaaa	gcgcggggag	nttccttttg	ggcgtctaga	tctccgtgct	gagtgtctcg	420
ggagagcgcg	cgacatcgcg	tgtgaanngc	gacctgtctc	cgcgagagaat	gggagtgtct	480
gtgtgcagat	gtcatagtga	gaaaccaccg	ataagggtga	tagggtaaaa	gataactaaa	540
gggctatgaa	gaaagtgggg	aagggaggag	gggaga			576

<210> 27
 <211> 853
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 853
 <223> n = g, a, c or t(u)

<400> 27

aacnccccct	ncggggggng	gggaaaaana	aagggggtng	gnggaannta	aaccctagtt	60
taaaangggg	tanangtntt	taangggcna	aaagnttggt	ttnantccca	ggnggggtccc	120
tcctttgaan	accengaaaa	attcatttnc	agaggggttg	gaagggggag	ccgaaaagaa	180
accccaacna	cttcgcaagt	aacaangggc	cnaagggagn	cagccgcacc	ttttttccnc	240
cccgcccaaa	ggccagccgc	attcaccatg	aacagataga	ngtaggaggc	aaacaattcc	300
agttaatntg	gcggttgatg	gcantctcgg	attcttggtg	gtatttctgg	cgnatttgcg	360
agggagacgc	ggtgttcacg	atggcggctg	ggngaggcgc	ggaggcgacg	ctggagcggc	420
ggagcgacga	agttgcaaag	gntcagggtc	aaagcgnccg	gcgggggtcgg	aggggtcgag	480
caccggttcc	gttcaagcac	tggtgaagca	ggaaaccgcg	gngantctgg	gcgagaangt	540
ctggcgtagg	gaccagcggg	ccgcacttta	tagcgggac	ntgcgtcagg	cgcgntccgg	600
ccaatcagcg	cgggtgggccc	cccagccccg	cttnttcttg	taggcgtggt	gccccagcca	660
gcagtgcgtg	ggcggggagg	agcctgtgtg	attgtgaggc	gantcttggg	gttatgagct	720
gntgcaagag	cgggtgcctg	caacaagcgg	gacgtttntg	tggcccgggg	cggacgtagt	780
tggaaccagc	cgtactacag	aggcattctg	ggtcccagag	agtatcgata	aggttgattt	840
ttaagtccca	ccg					853

<210> 28
 <211> 825
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 825
 <223> n = g, a, c or t(u)

<400> 28

ggnttncagg	ggnaccccc	ccccnctnn	antttgtcca	cgnaanattn	nngccnnnna	60
agganggggn	ngggaagttt	nagggcaang	aaaagggaaa	agtttngttt	ggacaaacct	120
tgaaaggggn	tttatcgcaa	nacnccggg	gggggttttt	ttgaaagaga	aggggaaaag	180
attcggaanc	ctgatttttt	tggnttgagt	naagnngggg	angggngnga	aaaattaaan	240
ggattccngn	ggggnggact	agtantttag	gggggagaaa	agggttttat	aaggncctat	300
aaagttcagc	ggaaagccgg	ntccggggaa	gaccacccat	gngttttaat	tagagtgcaa	360
cgggttgaag	agcccaggaa	gcccaganac	tagggtgagt	caccgngaaa	ntaacagacc	420
ataaaaaggaa	ggatgcagaa	cagaccagg	tacnancac	aggccacttg	gcaggaagag	480
atagccccca	gccccnga	ncagagcccc	aacctgccaa	tgnggtagnt	ataccttatt	540
acttcatcat	gtgaatagcc	aatcatatgt	gaacatgnt	atgtgcttcg	tttgaatcca	600
ccaatccng	taantatgat	ntgttctgna	cgcccgttt	tgttcccaa	tcctataaaa	660
agccccatgc	tggagctgct	gggcgcgcaa	gtcntccgaa	gagactgtgt	gcccgcaggt	720
acctgtgttt	tccaataaac	cctcttgctg	attgcatccg	agtggactcg	gctcggtcat	780
tgggcgcttg	ggactcctcc	tgagggaag	tcctctctgg	ggtct		825

<210> 29
 <211> 861
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 861
 <223> n = g, a, c or t(u)

<400> 29

anngaaacat	ncccnncnnn	ttnatccttt	nggaaaagg	cancccaaag	gnnnggaacg	60
gatngaanaa	ttctttcaaa	aagaganatc	gganggnnat	cgnnnnggtt	ttcaagtccc	120
ccengagnan	naaaattgag	tcagtngggg	gnaaccgacg	nananaggaa	caggtttccc	180
gggagtcctt	gggtntcngt	tcgacccccg	gaaaccgaac	tnnccgnttt	ncctttggga	240
gnngggat	ntaaaggna	ncggngtat	ttccattcgg	ntagttgtn	gttcaagggg	300
gntgccggac	ggacccccct	tnagccagac	ngngncccta	tccgnaaaan	tggtggggtc	360
caaccgcgta	agacagattt	ntcgccantg	ccagcagcca	ntggtaacag	gattagcaga	420
gagaggatg	tagacngtgn	acagattaag	gaagtgggtg	cgtaagnacg	gacacattag	480
naggacagta	tgnggtatct	gcntcgggtt	gaagccagtt	accttnggat	aanganntgg	540
tagntttnga	tcccggcaga	caaaccacg	ttggtagcgg	tggnctcttt	gnntgnaagc	600
agcagantan	ggcgcagaaa	aaaggatctc	gagaagatcc	tangatant	tggtcggggt	660
cagacgctna	annggtntgg	natnntganc	ggntgaccat	agagcacagt	antgnngatt	720
gcagtcgcgc	ccnaggacga	naggagacca	ggggcccang	ctgnagtaac	naatcaacta	780
ccctnacnag	atgnancaga	gagagagagn	accgtatant	nantgnaaga	gaggtcccgg	840
tttcnagttc	ccagnacgga	a				861

<210> 30
 <211> 149
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 149
 <223> n = g, a, c or t(u)

<400> 30
attngaggag atccggttac taaggatata gaagaaaaaa ataaatcgtg tgcctgcctt 60
ttttttttta attgcctgct tctccccacc cccaaattaa gttgcttagc aagggggaaa 120
gaggcttttc ctcccttcag taggtcagc 149

<210> 31
<211> 857
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 857
<223> n = g, a, c or t(u)

<400> 31
gatctggtct tgcccnggan ganntcnntn ccgggggggn taaaaaagaa ttgntggngn 60
tgacnagggg gganaccccn taccnggggn cnancggaan tnttggncac cgnaaaaaat 120
ttccaggngn acangaacgg gtgcggnggg antagggga aangtttga gtgngccaaa 180
acggaaaagn agacgnttgt angggttggg aaccagnacc ntggaaagan tgnagtctn 240
atcngcaaca accaccggag gtagggggtt ttttgtngca gcacagatan gcgcagaaaa 300
aaggatttca ggagatcctt tgatttttat tcgggtanga cgttcangtn gnggggattg 360
ggagcggana accattnna cacaggattn tatgaactat ggtcanttgc tttgttgc 420
angtcgttgt gggattgctg tttttagtag ctgcaaaccg ttcgtttnt gctatcttg 480
ttngataaa tcagccccgg gcagangana ttcgaaagt cccttttagga gcttatttan 540
acgggctcaa ngccaccgg ttcgttttn taggcacgt ctgcgcattt ttttttttn 600
gnatntttgg atcgcgttct gtgggatctt aaaaaccgt ttctgtgatt ggcacgcaag 660
aaanactcat gagctggtcc ctgttggtgc tctcaggacc aatcaaanac ccatctccaa 720
cggctttata atgtctggtt ctgtttgcac aggaagcgaa gtcacggctt gcaccgtga 780
agtctgggga ggttcagagc tgggaactgc ccagaggaag ggggttcggg ctacagccat 840
caatcttcca gttgttt 857

<210> 32
<211> 1630
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 1630
<223> n = g, a, c or t(u)

<400> 32
ccccccccc ccccaaaaan aanaattacc nttttaccat tngngttccc ngtccttgat 60
aaatttttaa cennentttt tccttaaaaa ancgnatcct gangggattt ccgttnaatg 120
gnnttaannc ttttngngaa tgtnacccc aatnttccc tnaattttga gtnggataat 180
tgcttanagg catttggaat ttaacggnc acctgaggtt gattgggtgn tattnaacgg 240
acttngatnn gaggaaggcc cccaanattt tgttccattc cttntaagtt tgggacttgg 300
aaatcccgtt gtttagatct tgaccgtaat caggagtcag cgtagaggag gccccggaag 360
gagggccag cgcggattcg cccgcggcag ggcggggacc aacagagggc cntcggggat 420
aggggagcgc cgcggcgccn tccgggggaa ggacacattg cttgttagca ggaagccagc 480
cagaccgga ggaggccgct ccagcgttgg tggtgccgtt cgggggctag cctgatccgg 540
gcaggggtgag ttgagacgat cgggtgagct tgggcccggg acgccagcgt cttcagtcct 600
ggggattgtc ccaggagggc aaggagcttg gaggagggag gccgcacagc taggggagtc 660
aggtctgagt cccgagtgtg ctctaaagcc ggggcggtga gagtggcggc ccgcccgggg 720
ccgcgcagcg ngcagtcctc cccgcgtggg aagtggtaac ttaacgcaca gccacaggat 780

tcccggcctt	tagctgctgg	agggaggggtg	gcttctcccg	gaggagtctg	ttgtgaaact	840
cggttggagg	gcaccgtggg	tgccgggcaag	ggagagatgg	ggtcgccctg	aagaagtggg	900
gggctggagt	agaaagtgga	ctttgtgcaa	acctcacccc	agagtagtta	gttaccaagg	960
ctgggttttt	tttttttttt	tttttgctca	gacacaagga	aaatttgact	caatgttaaa	1020
atatgtaatt	tggcaggaaa	acttttttcc	tagcctcctt	gctaatatag	ttggaacagg	1080
gggctcccaa	gaggtataga	gtcccccatt	ttacaaaatg	tggttcagtg	ggactgtggc	1140
ccaccagtc	gtgtatccat	ggaagagtgg	cttttatgga	gaagttcatt	ttccttaacc	1200
ttaaaaactg	taaaggatct	tgtgcttgag	aatattgttg	gccagcttta	tagtcttcat	1260
ttataaaaact	atntagacta	gagtgttata	gattataggt	cttcaagttt	ccagtcacca	1320
gtccttggt	tttttagtatg	gaaatcacca	gtaatggcaa	tataacatcc	ctgcttctgt	1380
ttcttagaag	gctaaattac	agtgtgttca	aactccgtgt	cattgcaaca	ggttaaacta	1440
actttatacg	taggacatca	gggtattgac	attctcatcc	taaagtcagt	ttgtctgttt	1500
ccagaggagg	aactgaagca	gtggttcttt	aagtaactga	ctcagggcct	tctgcctgg	1560
cgcgcctgcc	aggcatagtg	tagcattgta	ctgcattctt	tttgaccagt	ttccccagg	1620
gaagagcctg						1630

<210> 33

<211> 883

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 883

<223> n = g, a, c or t(u)

<400> 33

aaaaattgta	aggagttggg	ggnatcccc	ataattnaaa	naggggaacaa	nccntaaagg	60
gagggngggg	aanggccaan	attggnntaa	aaanagtang	tttggttgat	ccanacacaa	120
ggaatttggt	anaattttnn	taatggaaat	ngggcacttc	aattgggang	ataaaacccc	180
aggaagtgat	accnggggta	tcaagtnaaa	cntgattcct	gngngngagg	gaaaggatat	240
tgaatttgag	tgagtgcagg	tgaagtgaga	cttggggagna	caggtcatgc	ccacccaagg	300
gaggagcaag	ggntgggcag	tgtaggtggg	gnggtgggtc	ttcctggggg	gggcggggag	360
acagatgaga	acgttattgg	aggacaggca	caagtgttac	tgaaatgcaa	atccctgtag	420
atntggaaaa	gttctggntt	caggcttgat	gcttggggccg	gcaactgtgn	actttccctg	480
tacgttcagc	ccccccaccc	ttacgggaagt	tntcgtcact	gagantagtg	gctaatacaga	540
gtcttcaatg	gacctgcaa	tcagaaagga	aggcgggctt	ttccgggtgc	ntaggtgtag	600
gattcgctca	gtagttaagc	agtcttaact	ggttntggct	gctgtgctct	ctgtcctgcc	660
gttggttnt	ntgaggcatg	ttcaggcaag	ctccaaagtt	gcgacatggt	gagcacaggg	720
gcaggggggg	cgggcgggac	ggcagggggac	tgagcagtg	gagctgggtg	ggtgggtctt	780
tcccggggct	gagttggaat	ccgcgggtac	ccgtgaggtc	ttagccactc	actagaccca	840
gcggcagttt	ctgaataact	ttccttgtag	gggctgcaac	tct		883

<210> 34

<211> 913

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 913

<223> n = g, a, c or t(u)

<400> 34

ttccccccna	gaaaaatatt	tttngggacc	canaaaaaan	ggccccnggn	cctgttttct	60
tcnccccgna	aanaacttcc	ntttccntgg	ggggnnttaa	naaaagaana	tttcattggn	120
ggttttntcc	naggggggga	gaccccnttn	nccgcgggcc	tttcgnaatt	ttttggtcca	180
ccngtnaaag	attttcccat	ggcgcaccat	gtacgggttg	cgaggngtat	taggcggnaa	240
cggtttttna	gtgggcctaa	tacgggnanat	aggaggacga	tttgtnttgg	tttgtngagc	300
cagtaccttn	gnaaagagtt	gtagttttga	tccggcaacc	aaccacngtt	gtagcgnggt	360
tttttgttga	agcagcanta	acgcgcagaa	aaaaggatnt	caggagatcc	tttgattttt	420
cttcgggttc	ngacgttatg	ttgtgtggat	tgtgagcgga	taacaatttc	acacagattc	480
cgatngtagt	ccaatttggt	aaagacagga	tatntttccc	ttcaaagaaa	acagaaaaat	540
acagaaacgt	taattttcaa	atctcnaatc	tttcnttctc	tcttcnntca	ttcattcntt	600
cnttctttct	tctttctttc	tntctttctn	nagaggaggc	atgctagggg	aacagtagct	660
cattttaaaa	tctggcacct	ggaattaatt	tagggacaaa	acacctttat	gcaaaaaaaaa	720
gtttatgttt	ttccatggaa	cacagtataa	tcaaaattaa	aagaatataa	caaaggcttt	780
ggtgatttgg	taggattttt	tttttcctgg	aggggaaaac	agatgacttg	gaaagtgtta	840
ggaacatatc	aagccccagg	gaaagaaaaa	cgtttgattg	gtattaatta	aaacactgct	900
aatatattct	aat					913

<210> 35

<211> 320

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 320

<223> n = g, a, c or t(u)

<400> 35

tatgcaccca	tgacacaaga	tcacagaagt	acaggcctgg	accatggcag	agtatacact	60
ggttgggtaa	atgaagagga	gagacagagt	gggaagtcgg	cttagtggat	atggacttca	120
aatttgatga	acaagcaatt	caaatagagta	tcgtgggctt	gactgggtatg	aagacccggt	180
tgcaaagcag	tgntcataag	agagaaaaga	gagagagaga	gagagagaga	gagagagaga	240
gagaaagaga	gagagtgtgt	gttggtgttg	ttgtgtgtgt	tgttttattg	tttataacaa	300
gatntacntt	tggttaacttt					320

<210> 36

<211> 389

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 389

<223> n = g, a, c or t(u)

<400> 36

gggggggngc	naaaaggggc	tttcttttna	naaaaatenn	ggangggaggc	cncnanacgg	60
ctnttanann	tnttcngggg	gtncctcncc	gntgtgggga	atganatntc	gntctcgaca	120
tcaggggatt	ggagattntc	tgngctcncc	nctcacnacc	cagaagaagc	gcacagagan	180
cagagtanca	catcatcac	acctnttcag	ctacagagcg	antnctctan	aaggggactc	240
gggggganaac	acaaccctcc	tcctcttctg	actgngaang	ccgcntgtag	gntctgtcta	300
cccancaagn	cttgtgcagn	ntgngaacct	ctctntgggg	tagagtgtgt	tgngggagca	360
gggcgtantg	ttccaggngc	agnctttca				389

<210> 37

<211> 882
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 882
 <223> n = g, a, c or t(u)

<400> 37

agnaacgcgg	ncggnggnnc	tcncccnngcg	gagcnggncc	ncccccnngn	ncccagaana	60
gnagcgctcg	gngannnccc	acngnagac	nnnggetgcc	ccncgngncc	anggcnttnn	120
ncnnccccc	cgnatccggn	ncnccccccc	ctccctnggg	gngcgggggg	cccnngngccg	180
ngngataacc	nggcganncn	ttgtgcccc	gcnnnggggg	naggaccccc	ggcaccggcc	240
cngaccana	ncagnngctt	ngtggggggc	cccccgcca	nagaacgaat	tncgccnccg	300
gccgcgcca	tcggaacncn	cctagcagng	cgtcntgcta	ggcnggnna	cgggnatccg	360
caanccncc	cttngtaccg	ggacagccgn	gggnccgtat	gggctgngcg	ntnggccgta	420
gccanntncc	tttngaaang	acncggnagc	tnttcatccg	cctcacaac	cncngggncn	480
gngggggctn	tntcntgngc	cgcccgccgc	gtgngcgcan	aaaaaaaaa	aanncggccn	540
tcnccccctc	ttttggccng	ggtnccccgc	ncaccccgta	ccgagtncen	nnccccccac	600
aacctcacac	cgatcccngt	gggttcccn	ngggagtcgc	ncnggcnnag	cnggntttctc	660
cccatnncgc	gnngettnag	cgngccnnnn	cacngtttgc	nngngnntgc	ctccccttcn	720
tccttgaggc	aaaagcccg	acngtntctg	tggaccacnn	tgctgaggng	ctgggcgcen	780
cgntctctct	ctctctctct	ctctctctct	ctctatctct	ctttctctct	ctggggcccc	840
tccttgntg	nngccanaag	nnngcnnacc	cgtaaagtaa	gt		882

<210> 38
 <211> 975
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 975
 <223> n = g, a, c or t(u)

<400> 38

aatttngnca	ataanggcc	ttcccctgag	tgngggganc	ncnctgttc	anaaggtagc	60
tttagcgngg	ttctcnagtt	natggtaacc	nagtacttaa	ttggcncnct	tgataaatgc	120
tngatcctna	naatttcaac	aaccgcagga	ccatttttga	acttggcggn	ngttttaccct	180
tnatgnnctt	tcnnaaaat	ggcttccttt	gncatcnaat	agtgtgtccc	ctaacccttn	240
ggttccggag	gatgcattng	tggntgtgng	tttgnccctg	agcatgcngt	tcgtnacgg	300
gancaagntt	ntcaatgttc	cntcacncca	tacttnggct	tggggtacaa	nttgatatc	360
ttcgggatta	tatnagttta	tgtctgnttt	tcataaaatc	acttgtggat	ttggctttta	420
ngttaggaca	acttncaca	gtttcttgga	tctcctca	catgttaacg	ccattttgtt	480
cttgtatact	aaagtacat	gtcnttntng	acactaaca	tcacaaatta	ggagtaccaa	540
tcaactttga	gaaaatttaa	aagatgcccc	atctcttgta	tcagcaagta	ttcagccagg	600
atttaattct	ttatgtaaaa	attagcaagc	atttctatnt	cattcacgtg	caaattttct	660
ttgattgtta	attaagattg	aagtgatatg	tatggcccaa	ataagtctca	ctttaaaaaa	720
tatttcttta	tgaattatta	tccatgaatg	tttgatctgt	atagctatnt	tatataagta	780
tatgcaagga	ttgctaaaac	aatttttgag	tgaaaaaaga	tcctaggtag	aaaatgttta	840
agactaccta	taccgtcatt	aaaaactcct	caccagcatt	tactatgggt	ggactttcag	900
agatctcaat	caactctttc	ccaccagtc	tactgaaagn	ttccacctgt	agcggcccaa	960
gcaaaactgag	atntt					975

<210> 39
 <211> 850
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 850
 <223> n = g, a, c or t(u)

<400> 39

ggggaaaccc	acggtnaagg	gnngganaac	naggtanctn	tttctccggg	ttccaanaat	60
ngaangcctt	ccngagggcc	ngaaaancat	tncttcngga	gccgttcaag	ccagnagggtg	120
ggtttcaaac	aatgcttaag	ttgtggggag	aacnagnacg	tccgttceng	acccngttta	180
tcntaaagga	gacgngggtt	aaaggttagg	gggttngaca	gtcctgctgg	tgttcaagga	240
ggaggagaca	agttgncatc	caggngngca	ggaanacctg	ttaaattcct	gaccnaccgg	300
atgnttgagg	agcnaaggcg	gattcttccg	gcagtggcca	gatttcaacc	caggtcccg	360
ccngcttttc	ttggttaggc	aagcaggcct	tagtccngga	ggacgcccct	tggtggccag	420
ggtatcacgg	ccccctngg	gtttccattt	gcagtttgta	ttggaccatg	gatcactgct	480
tccttntgcc	ggaagttcca	gattccaaac	tgtngantc	ccatntgcaa	ctcccatggt	540
tgccgntggg	acttttnta	atatcntggt	acccgcttcc	catttcccca	ccccntgnt	600
cccttcggga	ggaatcaccg	cccagtgtgt	cacttctgt	aggnacttcc	aaggntagat	660
gagtgagtgg	caggcctcac	nttgcccag	ttantcagtg	cccacagagt	agcttttttg	720
agacgntagt	aaggtcttag	gggaaggaat	gtagtcgatc	cttctccttg	gtggccctca	780
gcactgtgag	tagaccccac	acatcagggc	tgtgtcgta	ggatctctgg	gaggggtgaa	840
agtttcgagg						850

<210> 40
 <211> 889
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 889
 <223> n = g, a, c or t(u)

<400> 40

ggggtttcca	aaaatttggg	gntttggana	aaccttcggg	gaataaaaca	acngnnnaaa	60
attaaggggg	gccgggggaa	aaaggagatt	nattaaancn	ccaccggaat	tnaaacnccc	120
nccgggaccg	naaccgtttt	tggccnaaan	ncgagaagtg	ccttcnnggc	aaagtagggg	180
accaaaggtn	gggggagaga	attggggttt	gtncagngtt	ccggttcnac	ggaaggagcc	240
ggttggttgg	attgtttcca	aggagnngt	ttngnaccgg	agcacctcng	ggngnaccat	300
ggggnntgcc	tgtagagac	cngcnggatg	ttttgggttc	gnattcgggg	agggatttcg	360
ggggcctcag	acnggggagg	agtcccntgc	gttcccnatg	ggaccggttg	tcgggcgggt	420
gcagtttcgc	tgetgtcctt	tggcaatgng	cntgggnatt	ngtgggcaga	ngagattccc	480
cngccccgc	natttcccn	gttccagttc	ntaggnacca	gaggttttcc	gcagtgtgat	540
tcagggagnt	agantntagc	gtctgtnttn	tntgcgtttt	ccccctcatg	attctcagtt	600
atTTTTtagg	agaaaagggtg	cgtggaaaca	gagcgtccct	gttccgtgct	gtttctcnta	660
gccccaaaata	cagattttaat	tctgaagcca	tcgaccccca	tatccacttc	ccgcccctctc	720
ataaacgtgt	aatatggctt	gctttttcct	tgtaacgttt	catccaacca	tagtggttagc	780
ggccacctgg	catcttgagg	tgggttgcca	atgagtgaat	gaatgagtga	gtgaatgaat	840
gaatgaatga	atgaatgaag	caagcttcag	ggagattttc	agagaagtg		889

<210> 41
<211> 929
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 929
<223> n = g, a, c or t(u)

<400> 41
aatgccntn aggggnnttt ccccgnttt naaaatgggn tncnngnttc caaagtttcc 60
taaaaatttn cantttccgt ttttaccngg tttatggttt ncagcctact cctgttcgan 120
ttccaaatcg gtttaantgg ncccnccgaa ncnttnttn tttggcagaa ggtgaanttc 180
nttggggccc ttgtttaagg gttttnagcc ttaaattgnt tgntnagnnt ctccntaatt 240
agttcattcc tttgaccatc ttttgnccct ccatcttgta aacanttaag tctattgcat 300
tccactttnc tntcagttnc cgtttnaccc tcctnagcag aacccgnttc tcagctntgg 360
atggttccaa anggtttccc aacctatgct caataccaca ggcagcttgc aggagggaga 420
antggatgt atttaacagc attttgaccc aaacttttag gagcagagag gactttaccc 480
aggacaggaa ggcaaaagac ttgaatctta aacaaaggat taagaacagg atgtcatctg 540
tgagcctgtc acagtgggtt tgcagagcag gagaacacag acaggattag ctataaagtt 600
gttacattag ttattntatt ggagcataca atacttaaat agttctaggg caagagaaat 660
gaacagaaat gaccttataa gagccagagc tgtagccaca gctttctttg tgcttagttt 720
gctagtccac tctttccagg gcagtctggt ggattacacc aaattgctta gaaaatgcta 780
gctctactgt cctgtctat tgtcagcttt gcaatgtgca tagtgacagg agttgcctgg 840
gaagcttggg gcttatgttt tgcagatcca ttgtaattaa aaaagaattg taaggagatg 900
gaggcacggg gtgaggggtga gggtgagtg 929

<210> 42
<211> 943
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 943
<223> n = g, a, c or t(u)

<400> 42
ttggaaaccc caacctggaa aangngtntt nccgggaaat tcaacctgcg ggcnaatggg 60
gtaaaagggc ctaccttggc ttngaaggga atntcctgaa ggnnnaatcc caannttggt 120
natcccaatt aaggntnaac nggtttaatt tgnnttcnc ntaccnaccn ggtttnccgt 180
tatactaaag ggctaacaat taaatgctca naagggaacc ccaatcctng gcnagaactt 240
gggttaaggnt ttccattagg atttgccatc ctntaccctg atcctgaaca tntnttgaa 300
tgntttgcca aggaacngaa ggttttnccct naagntagca cacagcagng accaaggatt 360
ggaacccagc nagtgcttgg aggtaaaaga tcacttccnt ntcccttagt caggancntt 420
agggagtggg ggcattaccc acacattccc cagtttgnac gtaggtttca gccagcaanc 480
cgtccactaa agctgcctcc aattcaaact ggattgagt acaagtggct tgggtgtctc 540
tcaaagattt ataggtggca atggccactc ctctgtgtaa ttaccctnta tgcacgtctt 600
ttntttctct cccactccat cccccacccc tctttgttcc ttntccntt cctntccctc 660
ctgttgactt tttctctccc tgcaaacagt tccaggcacc gnttagcatn tgccactctg 720
gctntagaaa gctttgcttc ccctctgctc cctggctggc tggaactcag cctccgggtg 780
gggcagactg gctcatctc tgtgtttctc tgagtgtgga ctgctgcctt ccacacagac 840
tctctgaagt caaggagccg caccagcact tcagttgtgg gccataatca agncangact 900
gaaagttgcc acctgtagn gcccgaagca aactgagath ttg 943

<210> 43
<211> 867
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 867
<223> n = g, a, c or t(u)

<400> 43
aggaaacnt tttaaaaaa aggggggggg gggggggggn ntagnngcaa aaaagatgan 60
accctcaagn cgggggggggt taaanaagga atcggattcg ggctttgnac aaataaagga 120
gttttgngng nattttcccc ntggtcgttt tntgnacgat ccacggttga ccgacgacgn 180
acggaccgac aaccaanacg taaaggggaa ttgtggagggt gttggaagtt tagatgcccc 240
gacccaggac gtgcggccan cttccggaga ccacaccttc ttgtnggccg ggnccggcgg 300
cagcgnagcc atttccaccg gatccctata gcngggcagc ctagcaggcn gaacaccagc 360
gggaagttga ntnggacctc ggagagcgcc cgcccttcgg gcggaagtnc taattccaaa 420
gcggcccgcg gcngagtttc ccatacaggt tggttccgtc tcggagtgc gtggcttgaa 480
ggacggtctt cgcgcgagaa gagtaccctg ctttccaggt gcgggagtt cntcagcctg 540
ctgcacaccc ggctgtgcgc antcttctgg tgtggccggg acggttcacc cagaggagtc 600
tctgtagttc ggagcaagat gtcggttaaa tctggcagga aaatgccttc tatgctcatn 660
tatatatccc tgcttccctc agcttgcttt cgacttagta aggtaacatt tcagagcggt 720
gcacttagta ctttttggca ctgtgctgta taaatataaa tgttccacac ttaacatctt 780
agatgttata tctaaagata tgcattctta aacttcgaaa gcgcataccc taaaatttca 840
tatttttgcg tacattgggtc agctgtg 867

<210> 44
<211> 303
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 303
<223> n = g, a, c or t(u)

<400> 44
ggaaatgatt agtccaagaa atatttgagc agaagggagt tagggttttc aaattaggaa 60
agtggatccc acagagttcc cttgacagag aatataaaaa ggactctggg gtgtcagaat 120
ggtgggcatt aacctgatct tccacttgag ggtaagggaa atgattagtc caagaaatat 180
ttgagcagaa gggagttagg gttttcaaata taggaaagtga gaatccacag agttcccttg 240
acagagaata taaaaaggac tctgggggtgt cagaatgggtg ggcattaacc tgatcttcca 300
ctt 303

<210> 45
<211> 840
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 840
<223> n = g, a, c or t(u)

<400> 45

aaaccggng	aanaaaaaan	gaaanngang	gcnnnaaaaa	agttngaca	gaaaaaactt	60
tnggaaaaaa	gganggggan	aaggcaggng	nccnactnaa	aanggncttt	tcnaagnng	120
anagagntgg	naatnagna	naggacattc	tttnnaacdc	cnangnggn	nggaannaat	180
ngggattgag	cngccaccat	tagggangaa	gttngaattn	nggggcccgn	gngagttaaa	240
angattcccn	ggttttttta	aacagagaat	acctncagg	acagatnaac	ccgagattgg	300
ttccctngaa	aattnnngan	aaagataaan	gtaggagcat	tcaaagtag	anggtaaaa	360
taatgggaga	catagacacc	aaaaaaagcc	agttcagtgg	gccccgaagg	ngcattaagg	420
gaggaccagg	aaacggcagc	anagccacng	gcagccgcct	gccccnacac	cagtnattcc	480
cgcacntaga	tccaggcgnt	gggggcgggg	cggggcgccg	ntgngcagng	aagntnngcg	540
gcaacaantt	tgcntagacc	ggntggaacc	ggttagaacc	ggccgcgcgc	gaccggcccg	600
ccgttcggga	ttntgcgttc	acaaagggag	gcgggactca	cgacntngnt	atcnttgnng	660
tcccaacccc	ggcccccnac	cccnaccccc	nttgctccct	tggcattcgc	gttctttccg	720
ccgtctccct	cgcgggcccgn	ttntctgcgc	ctggtgatcc	tttcgccatg	gtcctntgga	780
gaaagaaaa	atctttaatt	tnctagggac	gtccttttcc	tgtagtcgta	attgtagaaa	840

<210> 46

<211> 893

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 893

<223> n = g, a, c or t(u)

<400> 46

gagaaggann	agngggggng	agngaagana	gaggagggaa	gaaangaagg	tggaganaag	60
tggannaaaa	agagggagan	ggagggagaa	ntaaaganag	ganaagagng	gggaggaggg	120
gnagnatagg	agaggaaaga	aagganggan	agaagagaaa	agaanganga	gagaaaggaa	180
agaggaaaga	aagaggggag	aagaggaaga	aanagaggag	gggangagag	ggaggataag	240
agaggaaaga	gggaganagg	nttgaaaagg	gaaagagaag	gagaaaggna	gnaggngngg	300
aagagaggna	agggagaggg	gganaanggt	aagggggnaa	agaangagaa	gtatnggggg	360
aaaggaggag	angaaagaag	aaagaganga	ggaggagagg	gagagtgagg	aataaagggg	420
agggaaaagg	angagaaaga	gagagagggg	gagggaaaga	nagagaagga	tagnggggtg	480
gagaaggaga	aaggagagaa	ggagaaggng	agaggagaa	tgaagaagga	gggagtaaga	540
aaggantgag	naggaaagga	ganagagagg	tagagagaaa	anaaagagg	aaanggaggg	600
gaggagggng	nanaaggaat	agagggngga	aanangagag	aggggaaang	gggaaggaaa	660
ggaggaaaaa	aggnagagaa	gaagagnaat	gggaaggang	nagtagnaaa	agaaaagnag	720
aggggagagg	ggganangng	ggganacggg	ggggaanaga	aaaagtgaag	gaggcccccc	780
nacccccccc	ccccacacac	acacacagcc	ttttcgccgg	cggaagtgca	ggttggtcca	840
ggagcctgtg	gtcaatccag	tcagtagtgg	gcgaggtgta	acatctgtgt	ccg	893

<210> 47

<211> 789

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 789

<223> n = g, a, c or t(u)

<400> 47

taaaananng	gnngannanc	tnnaaaaaan	tntcttngga	attnncagga	nggaggntaa	60
tngggcgggc	ancatcaatg	gtanaaaattt	gggggggng	annaaaatca	tnaanncaac	120

cgtttccana	gncaaccatt	ctgggngncc	caaggttnga	ngagntccgn	tcaaggngaa	180
accttttcaa	gaccaattaa	ctaggggatn	agaggcgggn	tggtnntga	ggggcgggct	240
gctgagaaga	ttcgttggg	gacccaggag	tgaaggttt	tnacctgtgt	ntntcgggaa	300
ggtcggatnt	attatantcc	tgctgttgga	ggagttcgg	ggttcaagg	ccggaccccg	360
agcgtttact	tttnttgnc	cgcagccaat	ttgtntgct	tggtttcttc	ngaattcccg	420
ggcggggagg	gggaagcgg	gggccaatc	accacgatcc	cggcagccac	cgcgaaattg	480
ttccggcagn	tacgantctt	caacaagagc	cagagaaggc	gggtgcagag	nttcattagg	540
acgntcggaa	acccggcggtg	acttacttt	tccaagccca	ttggttgatg	agaatgatga	600
ctgacagggg	ggcgtgggtca	cgctgtcgcg	ggcgggagcg	acgggtggag	ttaacgcagc	660
aagctgcgcg	cgcagccatg	accctcaca	gccacntatc	ggagggagg	gcgggacagc	720
tttagcttgg	tgcgtgcgca	gccggacgtg	aggcagttgg	tggctctcca	tcgtcgattt	780
ctggttacc						789

<210> 48

<211> 872

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 872

<223> n = g, a, c or t(u)

<400> 48

gggggnggct	tttttnggag	gcatanatng	gggnnngtcc	ggnaaacccc	attggtcggc	60
cggggaagga	aaanggggct	ctnaaaatan	gttantggga	tggngcctta	agggggggcc	120
catnggccag	gaangcagat	tcaaaaatgt	tccaagtggga	aaaccanggt	tggnanaggc	180
cctccnggnc	gtnaaggagg	agaggagaga	tggagtttca	ggtgtgtttc	ccacccagtg	240
ttcccaggga	acacaaaacg	gataggtcac	cntcaatgna	caaggaatta	aaagcttggg	300
tgtatnggga	ggcctgcttc	caaagccacc	agaaaatccg	gagagccggn	ggatcntacn	360
cacccagagg	ttcataggga	gggcantatt	aggggtgtgc	ccttgtgaga	ggaagtgtgg	420
cacngtgggg	ctgggtttga	gatntcagat	gntcaagcca	ggcccatnt	ntctctctca	480
gtntctctcg	gtctctttct	cngtctctnt	tcagtctntt	cagtctctct	cagactctct	540
ctctctctct	ctctctctnt	ctctctctct	ctctctctct	ctctccngc	tgcnttcaga	600
tatagacgta	gaantctcnt	ntatccagca	ccatgtctgc	ntgcatgctg	ccattnttcc	660
caccangacg	ataataggct	aaacttntga	actctaagcc	agcctcaatt	aaattntan	720
gagtcaaacc	agcctcaatt	aaatgttttc	atttctatga	gtcacagtgg	tcatggcatt	780
tctttacagc	aatagaaacc	ctaactaaga	cttgccgaaa	cctcaaccac	aacttcagcc	840
ctcagaagcc	caagagggaa	aagaccttga	at			872

<210> 49

<211> 785

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 785

<223> n = g, a, c or t(u)

<400> 49

tcgtaanttt	tnatccaccn	gtanangatn	ttccatgcc	ccatgtacgg	ttacgaggng	60
tatagecgtgn	acngtttttg	agtngnctaa	aaggaaatgg	agacntattg	tnttggtttt	120
gtgaccata	acttcggaaa	ggttgtgttt	tatccggcaa	caaccacngt	gtagcgggtg	180
tttttggttg	cagcagcaga	taacgcgcag	aaaaaggatn	tcaggagatc	ctttgatttt	240
ttnttcgggt	tctgacgntc	atgttgtgtg	gaattgtgag	cggataacaa	tttcacacag	300

aattcaaagg	agaggagcca	atatagaggg	ggaaaaaaa	agaaggggaa	agcattagtt	360
taaaaagttg	agagaacaaa	gtatgttttg	cttggatggg	caaccaaaga	agcntgccag	420
gaatggtcgg	taaaaggtgt	aagagtcattg	aaacgtcttc	tgtccaaccg	ttaccggaaa	480
catgcaagga	atttcttaga	ctggccagga	ttggattgtg	ggaaaggtct	cttcaagcnt	540
ccccttggt	tttatggcaa	gaaaatagtg	cggactatag	agagcgctcg	tctcaaagct	600
tgtccccaat	agcagaaaag	cattgtccta	aattccttaa	aaggcaccgt	gaaataaata	660
ttacgaggac	acgatggcac	aagaaggagc	tttcaactct	gccaccagaa	cagttatact	720
tcatagtaac	catgttgccc	tgttcaatga	caaggcacgc	tctccagcag	aaagggaaaa	780
ggagc						785

<210> 50

<211> 889

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 889

<223> n = g, a, c or t(u)

<400> 50

nttnnaaagc	ganccggccn	ggngggtttg	gnccgcgctt	tatacnaagn	cgngccaatn	60
ggctttgggn	gggnnttcat	anggnntgn	tttaaccaat	tcagtttttt	attggtnttt	120
natgggcgca	gggatagngn	gttcnggntt	cccacangaa	tttgatttnt	ggaatcacaa	180
gtnaccagtn	gccgnaatca	cgagtttgcc	gcttnttttc	ctaccttana	ttcataatan	240
gaatgagtan	ttttttttta	ttgagnaang	ttttmacagg	tttagtaaac	atgaggacag	300
aggttttaag	ttgangatta	ggaaggagag	ttccggggga	cagaatgtgt	gtattntcag	360
tcagtgcact	acccggaaga	gttgcagtca	ggttgaggaa	gggagcggat	ttcctggagg	420
ttttaaccaa	cagagagaaa	aagcatttac	tactgattaa	gcacacaatc	tctggattca	480
gagaaggggtg	tttaccttta	tataaaatgt	ctcctaactg	cgtgactgtg	tgactttggt	540
gaagtcaact	gagcactgac	tgtgttgtgt	gcaacatggt	aagaggacca	actttnttct	600
taaattttat	ttattattta	tgtcacgtgn	acacttggtg	cttttgtttt	tgttctaatt	660
ttatctgcat	atatgtctgc	ataccacgtg	catttctgat	gcntacagat	gccagaaaag	720
gacaccgagt	ttcccttggg	antggagtta	tagatggtta	taagtctctg	agtaggtact	780
gggaagtgaa	cttcagtttc	ctctggaagg	gcagaaagcg	cttttcaaat	gctggggccat	840
gtatttcagc	ccctacttaa	tttataattt	tattttagag	gatgtgctc		889

<210> 51

<211> 947

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 947

<223> n = g, a, c or t(u)

<400> 51

anaaaaaatng	agaagangag	accccagaga	agaagnanga	gaganaacag	agaagaagag	60
agnaagggng	anaaantaga	gaaaggaaaa	gntcttaaa	aggcnanaaa	ntancnatnn	120
aaggagaaga	nggaaggnta	acataggagn	caagaatana	aaganaaaaa	gaggtagaga	180
anncagagaa	cgagaaaaga	tgaaaanaag	antanaangg	aagaaagang	nccagnanaa	240
anaaggcaga	aanaagatgn	cgtaaaaana	gagagaagat	aggnaaaata	gaggagaagg	300
ccnaacagga	ngggaagagc	agcgaattnn	agataaaacc	ggagganagn	nagagaagggn	360
agagntngnn	aaggcaaaga	cagnannnag	nacggtaent	gccccagaag	gnngaagaan	420
gncnagangg	tgagggngng	cacngncnt	tcccccttag	aggncgccc	cccagagatc	480

aggtttcnag	gncaccgagt	tggatacnag	attatncacc	naggcaggaa	angantatng	540
caaaangatt	cgggngggg	tcacggggtg	agaaataaan	tcannaaana	gaggacgngg	600
aggagggngg	gaaactctng	acagaaatng	caagcangaa	gccagccnca	cccaagcccc	660
nacngaagca	gcngagangt	tgcangggcg	naggtccaaa	tcancgnagt	catggagnga	720
gcttcggngg	ggcccnaganc	cantgaggaa	gggcaggaaa	ccatatcnag	ccgagccnng	780
ngangngtgc	cctganacac	ccggagaggt	aattttttatt	tnacgggaag	cgcccagnca	840
agttcgtggg	ccggaagaga	cggtacttta	gtatacancg	ctnntgctnc	gagttgtngg	900
nccttntnat	gnnagatctc	acaaangaag	ctnanaagta	gatatgt		947

<210> 52

<211> 860

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 860

<223> n = g, a, c or t(u)

<400> 52

aagggaaattt	ttaccccggt	tnccttttgn	cnggggggna	aaaaaannaa	aaaataattt	60
tttaaaatta	aagggngggg	angtttttcc	ggttctattn	ngccnattcg	gggttacact	120
tttatccanc	ntttgntttt	ttanccggcc	gggttaaaaa	tgggggggga	ttagttcggg	180
tagnggttnc	cnacagcaca	gccctgtttt	tcttcgttcc	ngaaaaaaaa	aaattttgct	240
ggtntcacia	ttttnttaaa	caggatttnc	ttcaaccatg	gattaatata	tttccggtgc	300
agnttgcccc	gtttggtttt	tggntggata	gggatgccag	caggattcag	ggatgccccat	360
tgtgnttagt	ntctggccct	ttaggagagc	tttgggctaa	ttatgtgacc	gatttttaaga	420
agtgggtgtg	ttgtgggtcc	agggactcac	ggatcagcct	ttattttata	aggacactgt	480
ggaggagaga	cagaggctga	gctgcattct	gatgtcattt	gtgctgctgt	ggaagttaaa	540
gaaaagctgc	agaagtcagc	aaaacagatg	aataccaaga	agggcagtg	gagtacagga	600
atggagagaa	aagtcagagt	ccagcttttg	ttaactccct	aggatcagac	anttctgcgt	660
aaggacgggt	ctacagttta	acagaccaca	gagcaangtc	aaacagcaaa	gtggtttcat	720
ggcaggcagg	aaatggaaca	tttaactgga	aacactgaac	ccacccatgg	caaacttagc	780
aatgaagctg	ggtgtggtgg	cacatgcctt	taattccaac	actcagggga	cagatntaat	840
gagtttgagg	ctagactggt					860

<210> 53

<211> 191

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 191

<223> n = g, a, c or t(u)

<400> 53

aggtctgacc	acttgggaagc	ttgccctgan	tcatagatga	gccactgtct	tcttcccctc	60
aattcctcag	gatgggggaac	agccattggg	cttttagtag	aggaggggaca	ggcccttttg	120
cagcaacagt	tctcccctga	atgttggtatc	tccacctata	cacatggggg	acttagcctt	180
atggatgccc	c					191

<210> 54

<211> 988

<212> DNA

<213> Rattus norvegicus

<221> misc_feature
<222> 1- 988
<223> n = g, a, c or t(u)

<400> 54

ttnttgggna	cgggtntccg	nantatgaan	centtcccg	ggtttttaaa	aancccnnga	60
tattcgggga	tttgggtttt	nnacggcctt	tttttnagag	gccaaatncc	cntntnaang	120
ccttttatec	ttccntttnt	gccccncttc	naattaggaa	gcntgggttg	nccgantntt	180
aaggttttta	gtentccttc	gttnntnttt	cccttntttt	ttccctnaag	ttataaagcn	240
ggtatntggt	ttgccaggnt	tctnttgtag	ccgtcatngc	gggttncggn	ttaccagagn	300
tttgttcctn	ggccggtnc	ttccaatttt	ggantntccn	ggtcngnggt	ccnattncct	360
tgnaacngtt	ccacacntna	tgacaattaa	ttgtttcctg	tgtaatttgt	ccccggactt	420
ntggattcct	gngancaggg	cctntgtttc	atggaagcaa	actcccttaa	ntattttacca	480
ggttgattga	ttaagaaagt	antcatgntt	gggaaaccca	cntgtttnt	tcccaggatg	540
gaanccagg	attttggaac	tgacagggtc	tcagggtctg	ggaagcggag	gcaggcaaaag	600
aatggagtgc	actgtccctt	tgcaaatagg	ggtttgcttg	cctgctggct	cctctcntgc	660
tntctcagat	ggtgactgag	gctacttcag	caggactagg	aataatcatg	tccagggtggc	720
tgcccttccg	agcagaaagg	gacagacgtg	gggcgatgaa	gttgctatcg	tttttttttt	780
tttctgcaca	gactgcaaag	tgtgcagagg	gagggaggct	gtgcaaaaaa	aaaaaaaaaa	840
aaaaaaaaaa	aaaaaaccca	ggacgcagaa	gttagactgc	tgaccatttt	ggtgcatgtg	900
tgcccatgga	gggaggggac	cttctcaaaa	gggttcacgc	agcangcatt	gaaagtnccc	960
cacntgtagg	gncgcaagca	actgagat				988

<210> 55
<211> 665
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 665
<223> n = g, a, c or t(u)

<400> 55

gaaaaagatt	caggaanctt	atttttntcg	gttcgacttc	agtnggggaa	tgggcggana	60
catttcacac	ggatttgtaa	anacngtnac	ngaaacttgg	nggttcgtag	atccactttt	120
tttagacctg	agagtgtttt	ttaaaatatt	tnaattaaag	gtttcctgca	cccacttttt	180
tttttatccc	taacttttca	tccagtatgg	tttttcaata	tcacanttta	atctaggact	240
ccttgcttaa	agcaattaca	agttaaatta	aaagtaagag	atggctnata	gctctcatta	300
ctgggatgca	ggtgtgaaac	aagtgatttg	tgtagaagct	ggcaggatgg	gtataaacia	360
gaacacgtgc	ccagaggatg	tattgaaagt	tggatttaag	tctctgagta	gtttatgcta	420
ggcggtagca	ttgaacaaga	tgaantctct	gntcatagag	gtagaaactn	cccagattct	480
gaggaagtgt	gagggagagc	attagatgtt	actgttgggg	atttggggaag	gccaggaaac	540
gttactccat	gcccaggag	ggtaggagaa	aggtttgggc	ttagctttga	ggacggaggg	600
aactggtggg	tggatatgag	gatggttatg	ctaaaagcag	agtggttttc	aactattgtt	660
cttct						665

<210> 56
<211> 857
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 857
<223> n = g, a, c or t(u)

<400> 56

aaaaaaagaa	aggaaagggg	agananaaaa	annangngan	aaaanagana	ganagaggna	60
agaggaagng	agggngaaaa	gagaggagan	aaanaagagg	aaggagaann	gaggaaaang	120
aaaggaacaa	aaganaagng	anggaagana	aagggagaaa	aaanaagagg	gagaaaangga	180
ggagggaaan	agagaanaga	gggggagaga	anncagagaa	nagaannngag	aaaaggngga	240
gacnaanana	gaggggaagaa	aagngaggag	aagagagggg	agaanaaant	tgaagaagaa	300
gaagangaga	agangagnag	aggaaganga	ggggaagaa	aagaggngga	ggagaagaag	360
aggagaggag	gaggaaggag	aaggaggagg	aagagaagga	ggaggaagag	gagaggagaa	420
ggaggaggat	actangggag	ttgtttcaat	aaaagagngg	gatntaagat	taananaagn	480
aataatgcog	gtttntatct	gttcgggggg	ggtccttggt	ctccaaacac	aganntgggc	540
cagtttntca	aaattnaant	gngaagattt	cttggnntga	gagcagntca	gattnantng	600
nattnttttc	tagttttnaa	cacaancctt	gtgntaacia	agagnanga	ttcnaggana	660
actcgntttt	ntttgggagg	agactttgtt	cctttcnaat	aagatgcagg	acngggaaga	720
cgcaggggtg	gaacaggaca	cagnnacgct	tnngtntntg	tcngcntcag	cngcgtggga	780
atgagtcaga	gcagcacggg	gaggtgcctg	gatntaagct	ttctggtagg	gagaacagag	840
tgcaggcngc	ggcccg					857

<210> 57

<211> 902

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 902

<223> n = g, a, c or t(u)

<400> 57

aaagggggng	ggaagaanga	aaagggnaaa	cnttngtttg	gaagccnca	nnaaagna	60
gncgaattta	anaagggggg	agggaaaaaa	aaaacanaat	attcentcct	tagccatnaa	120
ccgaacttcc	ngcaaggaaa	aaaaatttgg	ngggngtaaa	gggcaccncn	tcccacaaaa	180
ttttgntaan	tttgggcgca	aattcangca	ggntttngtt	ggaaaggngn	ananacaaaa	240
gggatttngg	ggatttnaaa	atcngngttt	nnggcaggnn	atccngaagt	tngaatecga	300
cgncnaccct	ttatttnagc	agttatttan	gggaacatgg	gagggnacca	tttcaaacca	360
nggatcgggc	cnggagntng	agtgttcagc	ccacngcctt	cnaacantac	cgggataagt	420
ttttccctgn	gccagagacc	catccangtt	ccagcaaaag	gntggtcac	tngggcnagc	480
tccnngagtc	atcnnggggt	tctcccagcc	nggggccaat	ggtcgaaggc	aggctntttt	540
tgctctccagc	ttgttcccna	ccgngggagc	ctgtcaaggc	tgacacagnac	cagantagtg	600
gtcatntcng	gctagctccn	ttagctccnt	gtccagggga	cttcctggca	ctggattagt	660
ggnggactca	ggcttgcttt	tttttcagga	gaggttagat	tactaatcat	tcagatgttc	720
ataagtcaga	acactgagca	aagcaatagn	ttctcctcca	cntactgant	cacacgtgca	780
caacagccac	acccgcaatg	cttntaggag	caggtccagn	gnacttttgt	tttaactatt	840
tntggtcttt	tattaatcag	cacataaata	cgcttcgttt	ctcctttttc	aatatgnatg	900
tg						902

<210> 58

<211> 852

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 852

<223> n = g, a, c or t(u)

<400> 58

acagaggggg	ggggggngtg	gaatttttngg	naggangttn	tnggaaggcc	nctaaaaaag	60
aaatgttccc	agacaaaaag	ggggggggna	gttnaattca	nggatcctna	ngaggnggaa	120
atTTTTnnnn	tattnaggat	caggataaat	angaaaangg	gnanattttt	nnnangnggg	180
TTTTTTTTTT	TTTTTTTTTT	TTTTTnnng	gnnnnannan	annnnnaaat	ggcgncgggc	240
atggntaatg	gggaanttgg	gganaattac	agagatttnt	ttttcccatg	ggnttccagg	300
atgaattcag	ntaccaacca	ggttgggtacc	agcattttta	cattcgagtt	agacatcaat	360
ggttaggtcg	ggagtggag	gttcggggcc	ngacatatat	tcntggtgaa	cccagtgcac	420
cttntgggtt	ntacaaggag	cttgaggtag	tcgcccacca	gtagctgtca	ggcagggtggc	480
ttaagttcag	aaccgnttcg	tggaacccga	gaagcagaaa	aagacataag	ttntgcngct	540
tcanaatcca	ctcntgaata	cananatctc	ggccaaagaa	gcacagccag	tctttccggt	600
naangaggc	cgggagcaac	aantccacag	ccagcccagg	ganatacaaa	ggacttgggt	660
cagttctgna	ccagttggag	tcagagatgg	ggccctcaaa	gtcccagcag	tgaagggcat	720
ggtctccagc	nnacagtgg	acctttaaga	ggtggggact	tgtaggagga	gttagataat	780
tggggtgtgc	ctttgtcccc	nacntcgttc	tttccctctt	tatggccttg	atgtggacaa	840
gattgtttct	gc					852

<210> 59

<211> 884

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 884

<223> n = g, a, c or t(u)

<400> 59

aaaaaaaaatt	ntttttccna	ggnaaataac	ccngccttaa	ccgggcgggg	gagatcaatt	60
ntttgtngtt	gtttcctcng	aggcggagng	tcaaaanaga	acacnctgg	naaaccccc	120
ttaaaanaca	aaaatttgan	ggggnnngng	ngttacaaaa	agacaggatg	ttttccgagt	180
cggattcaat	cccaccacaa	catgggggttc	acaccatngt	aaggaatcgn	tgcctttttg	240
ggggtatcct	aggggggtana	nttccaaata	nngataanaa	tttttttaaa	aatttaattg	300
tanatatatta	ttanataatt	taataaataa	tatttggana	nantnatggt	ctngcgcctt	360
gnngactggt	agttttttnt	ccnnatttna	actttccag	nactnggtag	cctatgtgnt	420
tatgcaaccc	nttagaagct	gccttcanta	ttnaactcat	actgtttctc	gataatcngg	480
ggagtagctc	cagttngcta	tgaagctgcg	gaaaggtagg	cggacatccc	aggcttagac	540
agagttcagg	ttatttggaa	cttttnnaaca	gaagtgtgtt	cntgcacggc	agcaagaacna	600
tntgggtccc	gtagttccgg	tcgccaggag	tagtgtattg	cttaggacca	ttctgggtgg	660
aatgcactctg	gtgggtctta	aannatgtca	ggcagggcct	ggcaccaggg	tctggcgggg	720
agcctcacat	accgttntaa	tgacttcata	tgcttagaat	ttgtggggaa	acgatgcaga	780
aaaatctaac	cagggatggt	tctgggccag	tcattgttgg	gatgcctcag	tcattgtaaaa	840
ttgagctccc	cctggagcac	accttaaaac	atcttctgtt	taat		884

<210> 60

<211> 955

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 955

<223> n = g, a, c or t(u)

<400> 60

cccntggaaa	accnaanana	atangnnnan	anaaanactc	cncccatgga	gggaacnttt	60
tagggnttcc	nnntttcccc	gganccgcca	aatgngacac	caaaaanngac	cgnantcttt	120

ggngngttgct	tctcttggan	cgcnttttgt	tcgaccgggg	tgactaagg	catgtngggg	180
acgantaatt	gtttccgggg	gcngntcggc	acbtccnan	gngngngngg	tttggttctg	240
gaagnccgaa	nnggcattgn	tttaagattg	cchattccatt	taggggtcgt	tcaacgcctt	300
atctttngag	tttntggagt	ttgggtgggg	aggggagatt	tagtggagga	gtaaattttt	360
agtagggaga	gaggggaagg	agatagaccc	ggagacagag	aagggagggg	ggaagggagg	420
gattatcctg	taggatgtga	gcccagacnt	gtctgtggtn	tctttccatg	acacaagaga	480
ctttntgctt	gtccctagaa	tgcttcattt	tntagtgtct	caaacttaaa	gggctagtgt	540
aaagtttagac	tgtgaacann	tngtaaacac	aggtgacagg	aatgtntgtc	agctggggccc	600
nttatatgcc	acggcagagt	ggtacgtgat	gcccacacat	gttatgtgga	agttntcatg	660
cagggcttca	gaacacagta	gatggagatt	gtgaaaatct	gttgtnnact	taagagactg	720
gcccacagga	tccatgtgat	gntacttctg	ttgcttgtgc	tttaaaatct	tatgtgatgt	780
tttgacagact	ccnttcggga	cccagcacac	cagctgagag	tctgccctgc	tggcactgct	840
gcctgtctgc	tgaaggggaa	cccaggcatt	tgatgttggc	cggcccaagg	aggggctgaa	900
gctantgagc	aaggacagtg	atagaccac	acagtagttt	gcaagtaaat	gagnc	955

<210> 61

<211> 1107

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1107

<223> n = g, a, c or t(u)

<400> 61

caaananncaa	nggtnncnncn	ggnccattgg	gggggggttaa	naatggaggg	gnttnggggtt	60
ttaaanantt	ccccnggntt	caaggaaatg	gggcttttga	ttggcaagga	aggaatgggg	120
nttcccntga	ancctcctga	ggggccaaan	attggggggg	gttnacaccc	ccgggggaaac	180
ccttcttgac	cccnagaaan	gcngtttagn	ttcccnccca	tgggntccct	taccctgggn	240
tttttttgna	cagccnagca	gccctggttt	tccttggttc	cttgggcncc	gaaaatttga	300
atccagtga	ttccaccatt	gagccngcag	aggttgatng	gcaggaangg	tttaaccctt	360
ngaccaggag	tgacaaattt	ngngggacnc	cccagtgnga	gctcacaaca	ngtngacatt	420
gaggcnccaa	aggattgttg	aggggatgga	ttgtgtcgca	gtctggttgc	ctttatagtg	480
ccagcatcgt	tgagccccgc	ccagggagtg	ttggcacgcc	caaaccnna	cccagcgctt	540
gaggcaaggc	aaacacactt	cccagcccct	taanttnca	cgcctttggt	gcttggacgt	600
cccggantgg	gagcaggatg	aaggatttta	gtgcaggaga	agaccagtgc	aagccggaga	660
catngagtgc	ctntaattc	ggtgttcagt	ttgccntnt	ggcacgtgac	tcgttaactct	720
ggtatgtgtg	ctgaaccntc	taccagccag	agatcagtgt	ccttaaagtt	cgaatcagtg	780
tgagggggac	tgggaacaat	actgatgctg	ttgccctcta	gtggcaaggt	caactccaag	840
cgagagggga	agcagtcagt	ctaccgcac	ctctaagata	gtggttctcg	acctctctaa	900
tactgcggat	taatacatte	ttcatgttgt	ggtgacgctc	caaccataaa	gtgattttcg	960
ttgctgcttc	ataactatat	ttttgctact	ggtatgaatc	gtgacataaa	tactgtgttt	1020
tcagatggtc	tcaggcaatt	cctgtgaaag	gggtctccca	caggtttgaa	agtnntccac	1080
ctgtaggtgg	gccaagctaa	atgagat				1107

<210> 62

<211> 92

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 92

<223> n = g, a, c or t(u)

<400> 62
atggggcattc ttgtaacagg aggcctggat tgagtactgt aactgagntc ttgaaagact 60
ttacctgtag gtttggnncng cttgaaagag at 92

<210> 63
<211> 209
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 209
<223> n = g, a, c or t(u)

<400> 63
aattccagcc catcctgaga cacacagtga cctgtcttca caaaaccagg gaaaagccag 60
gtgcggagtc tcacgccttt aatctcagtc tccggaacaa gaggcagnng gatctctgtg 120
agttcccagg cgagantttct ttgtacaggg nncctctga annncctga aagatttcac 180
ctgtagggttg ggccnagctt aaaagagat 209

<210> 64
<211> 97
<212> DNA
<213> Rattus norvegicus

<400> 64
acagagaaac agtgtttccg ttccttaaaa cgttgctcta tcttgaataa caagcttatt 60
acatgcgaat cgtattggga acctactgaa ttccgat 97

<210> 65
<211> 1047
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 1047
<223> n = g, a, c or t(u)

<400> 65
caagggtgaat tccanttggn gtttnnaaat ngtttttnaa aaanaaattt tntttgggna 60
ttgccttnaa ngtttgggnc ctgaattcaa aattccaant taccctaaat ttcattgtcc 120
atccanaatt naattccgga aattttacaat aatttgaatt ntatgtttcc caattntaat 180
ntcagtagtt tgnntttgtg tgcccnatt ntaaatcag acccgccaa tcaccaatt 240
gnttttttnaa attgaatngt tttcccntgt accttcttg caangttgct ttaaattnga 300
atttcagaat cccattgaa aagaatccgg gnnaaagcaa caccnttaag gacccagga 360
aaccagaaat tgnagaaan ttggacgnag gganttnaca ttntnccgc canaggatgn 420
ttgggntaaa aaccgcgttt gcgcaaggct cntgtgttg cctctttcc gccggggcg 480
ctgtggataa tctctgggtc agtcgaaccg ttttaccatc catttcgtta ctccgagaga 540
ctggcgcn cn gcgggttcc ccaagatggc ggccagagg aggagcttgc tccagagtgt 600
gaggaaaccg acccgctctc tgggctggga ggggtgggag ctccgggtgt tntcgggtg 660
cagaagctgt tgtctttaga tggcagagtg cggacccctc gcccagagg cntagggtg 720
cttgacgcgc gcgcaagacc ctttccagtc tagagcctcg cctagttctg cgcgtgcgcg 780
ccacagagcc gggcctctga gggtaaggc cgcgggggtc ctgcggaatg ggagcgtcct 840
caagccggaa agggacatgg cgccgcccag cgggcatcc ggaggcgga cagactaat 900
aataaatcgc cccccgcgc ccgcttgtgt aaggcgcgt gtatctctgg cattgtgtgg 960

accgcctcac attcataagc ttcgtcagca gcagtagaga atggccttgaa agacnttnac 1020
ctgtagggttt ggcnaagcttt aaaagat 1047

<210> 66
<211> 1063
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 1063
<223> n = g, a, c or t(u)

<400> 66
catnggagtt cccaatggnt tccntnaann ggtntnttcc aggttgggca ncnttttagga 60
attgaaaatn ttntttggga tccccctaga atttgatccc attngggaaa ttttttattt 120
ccngaacagt ccantnttaa aattgggcct ntgggatta acggattcca aggttgcaac 180
anattggcaa gtttninggac aggaggtttc aantggntaa agtggataaa tngtgaattt 240
tgagaganga attgacttgg ttggggggcca aaantaggtg gcattttgcc cggagggttg 300
attgcattct gttttgtgta aanatgaagn tacttgacag ctttgagata agaaggagac 360
ntaatttgc taaacatttta agtggttctat tctgccggag ttttgagag ggtatatgcc 420
ggtcaggaag ggagccagaa gccagtaaca ttgcaagtat ttcaacatgg aaagctttag 480
gttatctctt gtgcatttta tgctcggnta atgatgtaan ccaattgtaa ttctgggcac 540
agctttccca tgtgtctttg gaacagtctg ggtttgtggt tntaaaacaa catttgtatn 600
tagttggagg cttatctaag gagcttctta gcatttgggt tgtaatttat ttagtattg 660
tttcagctac ccattgctac atagtaaagt taaaaaatt tagtggatta aaataatgat 720
gtttgggttg ctacgaatc tttcatgttg gctgaagttg ccatttctgc ttctctctgc 780
tgaacttggc atcaactgag agggttggaa tcatctgaag atgggggttag ccacacctcg 840
cagttgatat tggctgtcag ttggaacctc agctggggtc agcatgcata agtaagcatg 900
tgtcactttt ccagggtttct gtcttacagc atgggtggctt ggttctgaag ggccatcact 960
ctaattggtg ctgggttccc agcgagaacc agtgganccc aaggatagct tttggtgact 1020
gaaagacttt aacctgtagg ttggggccna gctanaaaga gat 1063

<210> 67
<211> 815
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 815
<223> n = g, a, c or t(u)

<400> 67
ccccccccc aaaccttct tccaaacct tnggggtggg gaaaacattg ggcaangggg 60
caaattnana ccccttgga tngttngccn ggnaaagtt cngttcccca aaagccaaag 120
gggggggggt tccaaanatt ccnggggttt tttngggggg taaagggnnt naaaggtnaa 180
aaaatgttcc cggngccccc anacttccaa aggttttccc ttnnaaaatt ccnggccttc 240
cgggggnccn tntgtncccc cnttccccc aaatnncnt nngaaaaggg ttnaanantg 300
ttnaaaancc cnaangttaa angggnnnat nnaaanggt tccctnncnn ggggngggna 360
aaaagggttc gcgcgganac cnntgatgcc caggttcagt tccccggag cttggggcca 420
gacccgcggc gcgccttggg tgtggcggga gcgcgcgggc ttgcgcccg acggcttctc 480
cccgccttcg actccctcc gcggcgggcg gaggtaggtt tccggctcc ggtctgaggc 540
ggtgcctggc accttctgac caggatccgc ggttccccgt gctgtggtcc cgggaggcac 600
gcggggcctg cctgctatag cgggtttgca ggcgcagcct ccctggagcg gtagggctcg 660
tttgggtgtt gcacgctcgg tttgacgttt taatccggag gatttgtggg gttcctcgaa 720

tctcaaactg ccttcttccc ttttgagact tgaaaatacc cgaagcctgc cttgtactga 780
aagacnttac ctgtagggtt ggcagcttaa aagat 815

<210> 68
<211> 1034
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 1034
<223> n = g, a, c or t(u)

<400> 68
aaaaaanagg tttccccngg angtccttng gggntctttt tnngancntn cggttangggg 60
ncctncnctt tttccccttg ggggaggggg ntttttaaag cnannntng gtttcnnntn 120
gggttaagtn tttccccaaa agttggtttt tnnaaaaanc ccctttnncc cggacgtttt 180
ccttnncngg anaatatntt ttgggccaaa ccngttagn cggatttccc aattgcgncn 240
cccttgnaaa cgggttnccg ggggngtnt tnaggggttg aacnggggtt taaangtgcc 300
aaaacgggta aattggaggc attttngnaa tggcttttgt tnaaccnntc ccttgggaaa 360
gggttgtagt tttnaacggg naaacaacc ccgtngtagc ggggtgtttt tntttnccaa 420
gcgcggnta agccncggaa aaaaaggatn ccnggagacc ttgnattttt nnnggggttt 480
nacgcnatnt tttttggaat tttgggggga taanaatttt nnaccngaag ttttngnggc 540
cncncnnngg gnnaaaaatc tnannannat tnggntattg aacatttctt ccntgcatat 600
ttatngangt atgacccttt aaacaattaa gtacttggct tcagtgggag agaaagtgtc 660
tagcctcaaa aagacttgaa gtgccaggg tgtgtgtgtg tgtgtgtgtg tgtgtgtgtg 720
tatgtgtgtg tgtgtgtgtt tgtgtgtgtg taaccagag gggtgccac ttgctcaaaa 780
gagaaggggc agaggaatat gagggaagga ttgtgggagg gagtgaccag tagggaaaaca 840
gtgagtgtga tgtaaagtga ataagtaaaa aaattaaatt aaattaaaag taaataaagt 900
gtctacaaag tcaattactc ctttcccttc ctccaccctt tcttctaata ttaggcaaaa 960
acaaacncaa aaacanaaac aancaaactg aaagactnta acctgtaggt tggncagctt 1020
gaaagagatn tttc 1034

<210> 69
<211> 186
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 186
<223> n = g, a, c or t(u)

<400> 69
agaccacctg ggtggaaaact cctattctta caccaagctg cctctgtatc cacagatacc 60
aagaagtagc caccgttggt ttacttaact catgggtccac ggggtgagct gaggtctcct 120
tcctgagcaa gatggaaatt ttacttggtc tgtaactag cgtgcattga atggangaca 180
tatgat 186

<210> 70
<211> 1028
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
 <222> 1- 1028
 <223> n = g, a, c or t(u)

<400> 70

aaaggggaacn	ttttaagcnt	ttnnaattnn	gttnccnaa	aaggatttgc	atttaccacc	60
cttaaattta	ggnatttttg	aatnatttca	accnttgc	ggcagtttgt	nccatgttnt	120
gggaaagttt	taacaggatg	gttatttnga	caaaacaggt	tttttcagac	catttgtgna	180
ntatcttgaa	atttcccagt	ttttnaattn	tattntaang	atattntagt	tnnaatttna	240
tgacttcaat	ttgtatanac	aggttcttaa	caaacagtgt	gtaactgagt	accttgcccc	300
agcattttaag	gttacacaca	tcatacgaac	actgaagaaa	atgtctgntc	tttaattttc	360
ccctttttctc	tgtgtaattt	ccttcaggac	tcctttgtcc	tgagtgggtca	ggcccttgat	420
aagatgggttn	atcttatttc	tgtttgccca	tggttgtaaa	tcntgcctga	cagttcttgc	480
ttaatgcaga	aaccaagcaa	aggttcagtt	tgtaactggcn	tcctttnta	gttatctgac	540
agggatcagt	tttcaagctg	tagccgtggt	cctcagagag	acctctgccc	atatacagca	600
gcagtccttc	tcataccagc	cctgggagtt	ctagcaaaga	tttgactttc	tgagtgtgtc	660
agggtcagag	accatgtatc	aagcctcggc	tctatttctt	gagtaaaatg	ggcatctggc	720
acatctactt	agatgcagaa	atagtcagaa	tgaagtgaag	atgtaggagg	agtcgtgtgg	780
agaaataggc	tctctgaaag	gaggcttctt	cttcacttta	taagctgtag	tgatcatcct	840
tccaagtgg	ctctgaaact	gtgttagaag	acatggcctc	cccagagctt	ggggaaacct	900
taaataaggc	tgctgtcag	atgtcagcac	attttacgct	ttactggaag	acttctgctt	960
cctcttctta	tttctccaaa	tncanntgaa	agacttgtac	ctgtaggttt	gggccagctg	1020
aaaagatc						1028

<210> 71
 <211> 1034
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 1034
 <223> n = g, a, c or t(u)

<400> 71

aaaaaanagg	tttccccngg	angtccctng	gggntcnttt	tnngancntn	cggttangggg	60
ncctncnct	tttccccttg	ggggaggggg	ntttttaaag	cnannntng	gtttcnntn	120
gggttaagtn	tttncccaa	agttggtttt	tnnaaaaanc	ccctttnncc	cggaactttt	180
ccttnncngg	anaatatntt	ttgggccaaa	ccngttagn	gggatttccc	aattgcgn	240
cccttgnaaa	cgggttnccg	ggggngntnt	tnaggggttg	aacnggggtt	taaangtgcc	300
aaaacgggta	aattggaggc	attttngnaa	tggtttttgt	tnaaccnntc	ccttgggaaa	360
gggttgtagt	tttnaacggg	naaacaacc	ccgtngtagc	gggtgttttt	tnnttnccaa	420
gcgcggnta	agccncggaa	aaaaaggatn	ccnggagacc	ttgnattttt	nnnggggttt	480
nacgcnatnt	tttttggaat	tttgggggga	taanaatttt	nnaccnga	ttttngnggc	540
cncncnnngg	gnnaaaaatc	tnannannat	tnngntattg	aacatttctt	ccntgcata	600
ttatngangt	atgacccttt	aaacaattaa	gtacttggt	tcagtgggag	agaaagtgt	660
tagcctcaaa	aagacttgaa	gtgcccaggg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	720
tatgtgtgtg	tgtgtgtgtt	tgtgtgtgtg	taaccagag	gggtgcccac	ttgctcaaaa	780
gagaaggggc	agaggaatat	gaggaagga	ttgtgggagg	gagtgaccag	taggggaaaca	840
gtgagtgtga	tgtaaagtga	ataagtaaaa	aaattaaatt	aaattaaaag	taaataaagt	900
gtctacaaag	tcaattactc	ctttcccttc	ctccaccctt	tcttctaata	ttaggcaaaa	960
acaaacncaa	aaacanaaac	aancaaaactg	aaagactnta	acctgtaggt	tggnacagctt	1020
gaaagagatn	tttc					1034

<210> 72
<211> 824
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 824
<223> n = g, a, c or t(u)

<400> 72
gggggntttt cnnanntanc aaaaantnng tntancanng antnnttgag ntgttgaagn 60
aangnggaaa angttttgaa atcantgtaa tgaggttcca aaaattgagc .aggaaattgg 120
atgntgtcag gagaaacccn ttcagtnttg tgcaattggg tgcgcagcag ttaggaccgn 180
ttccccatca cttgtgccag cggacatcca gntattgagc cntgnatcat ttatgggnaca 240
aattaggaac acacaacaga gatccgcttt ntgactgcca tgttcgccaa actcaattgg 300
gggaagtaat cctccagacc gttccgcttg cacgnttagg aagccacagt gaaaacacaa 360
aattcgtgga ggcgactcta accaggaagc ctaatccnt agattcccg gacactgggg 420
caggcgtcct aaaaacagct ttgtggggct tcagtcctcc gtgcgggttc agtccgggtc 480
ttggggatcg cctcgcggg gaatgtccgg gactccggtc ggtatctttt tggcctggga 540
atttccagcg tgtggaaaa gtccacaaac ttagtctca ctgcccgcct cgcctctcc 600
ggcccttctc ggtgcccacg cccccccga tcgaacctga ggatgagcat aggggtgtatt 660
ttaggcgtgc tgggcttccc cgccccctc tgcccactta gctggcaaga agaaagccag 720
cactataaag gaggccagg ccaaggactg gcctcctctt gctcacgagg tcagacgcga 780
gctctgaaag acttcacctg taggtttggc aagctgaaga gatc 824

<210> 73
<211> 774
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 774
<223> n = g, a, c or t(u)

<400> 73
gagggganna ncancaggac caancngata aggggggtcaa caacntgnngt tccncccntt 60
gagngggaaa tgagcacgng gcantccaac cgnatcaggg cccgnttcgg acggtcacac 120
antaggtnt catntggatt gccngngttc cngttggcat ccgggaaaaan tgagactgtg 180
tcggtagcag agntaggatg gccntccttc ccngccccgg ccttnttggc gccttgcgat 240
ccttcccga cgggccentg gcgtctccgc cttnggcact tgcacatntg gcggcccagg 300
atggcgcttc cgggatggcg ccagcgcgcg tacgtcatca cggagcgctc atgtgttcct 360
tctgtccaag cgntaggag cctgcgcgta ctcccagcaa ggaagatgta ggacaaaaat 420
gtagaagcac ttaacatgaa cgtcaaaacg atgaccaatc acagggcgat atatgcgcac 480
gcgcaatgtt ccaatcatgg ctcataagca atccggaagt ggccaattaa atatactatt 540
tactaatcca gggttacaca gtgaaaccct gtctcgaaaa ataaacacag ggctggagag 600
atggctcact gattaagaac actgactgct cttccagaag tcttgagttc aattccgagc 660
aagcacatgg tggtcacaa ccatctgtaa cagattctgg tttatgtnga gacaactaca 720
gtgtactcgt attgaaagnt nccacactgt aggttngca agctaaanga gatc 774

<210> 74
<211> 248
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 248
<223> n = g, a, c or t(u)

<400> 74

tgacacttca	tggaaactga	gaccgggagc	ttccaccaga	aggcactgcc	cagtggagaa	60
aaccgacttc	tttttgttgt	tggtctgatg	ttttgttttt	gagataaagg	tctcactgtg	120
tagctcaggc	tggttttgaa	atcaggatcc	tgaccctcag	gaatgttaaa	gtgcctaaaa	180
gtggngacaa	attatttttac	gtgcctttga	aagacttcac	ctgtagggtt	ggcnagctag	240
aagagatc						248

<210> 75
<211> 833
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 833
<223> n = g, a, c or t(u)

<400> 75

aanggggtta	tnntggagan	atnctaagnt	cccaaagcaa	nttaggattg	ctnccnnnng	60
aattnttaag	cntttgcatt	aagtantaat	gccaaaatga	ccccaanata	tngntccttg	120
antgtnttaa	aaangaggat	cttcnttgnc	catanacgcc	ntatatgaaa	gcaactgaac	180
aagattttaa	attggacagg	tcacaancgg	gcgtgtgcct	ttaatcccag	cactcgnctg	240
ctgatagaag	cagatgcatn	tatgtgggtt	tgaggacagn	tngnttnacg	tagagagtct	300
ntatatcagt	agggtcttgt	agagaccnta	tctcaaaaaa	caaaagcaaa	acaacagaga	360
aaaaatcaat	tgaccatgtc	ccaattacct	ttatttatct	gtaacctatc	cttagttata	420
ctcgtaatct	ttttctctct	tcagtttgcg	tacgggacag	cagacctact	cacaacccaa	480
gctntaaatg	atgagcgtac	tcagccaggg	agcttcaccc	cacttaaccc	cataagatgg	540
cggcagcgcc	tcttcaccca	ctcagggctg	aagcacgcat	cacgtgatgc	gctccagctc	600
tcgccgcggt	ggctgacggg	aggtggagat	agaacgaggg	tgtcggccat	tttgtgtctg	660
tttctgccc	gacgtggtgg	tggcggttgg	ttccgagaac	tgtgcgagtc	tcttctctct	720
tttttttttt	ttgtttttcg	ttttccccc	agcttctttt	cgctctnttt	ctgcatagtc	780
tgtagtgcgc	agttgaaaga	ttccacctgt	aggttgggca	agctaaaaga	gat	833

<210> 76
<211> 880
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 880
<223> n = g, a, c or t(u)

<400> 76

aanatggntt	ggtntntaaag	gttaaaaattg	gggcaaaatt	tttccgccc	ggtccttaaa	60
ccggattaac	tccaaggcca	aaattccgag	ggggaatcaa	caacaaggac	ccaaccggat	120
taaggcgggt	tcaaacaaac	ttggatttcc	ngccctttgg	ggcgggggaa	atgggcacgg	180
gngcattcca	agcngntcaa	ggttccggct	tgcggacggt	taacacaant	aggtttctca	240
tctagattgg	ccngcggttc	ggttgagcat	ccgggaaaat	tgagattgtg	tcggtaccag	300
aggtaggatg	ggccttcctt	cccngcccc	gcttctggc	gccttgcnat	ccttcccga	360
ccggcccttg	ggtctccggc	cttgggcact	tgcacatctg	gcggccagga	tgcgttccg	420

ggatggcgcc	agcgcgcgta	cgatcatcacg	gagcgtccat	gtgttcnttc	tgtccaagcg	480
cttaggagcc	tgcgcgtact	cccagcaagg	aagatgtagg	acaaaaatgt	agaagcactt	540
aacatgaacg	tcaaaacgat	gaccaatcac	agggcgatat	atgcgcgatgc	gcaatgttcc	600
aatcatggct	cataagcaat	ccggaagtgg	ccaattaaat	atactattta	ctaattccagg	660
gttacacagt	gaaaccctgt	ctcgaaaaat	aaacacaggg	ctggagagat	ggctcactga	720
ttaagaacac	tgactgctct	tccagaagtc	ttgagttcaa	ttccgagcaa	gcacatgggtg	780
gctcacaacc	atctgtaaca	gattctgggt	tatctgggnt	cnactacagt	gtannngcat	840
tgaaagatnn	tacctgtagg	ttggncagct	aaaaaggatc			880

<210> 77

<211> 864

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 864

<223> n = g, a, c or t(u)

<400> 77

aattttaant	tggtggnata	anggcttgnc	catatccttc	ctnttgtttg	ccctaagtaa	60
cagccaattg	ggggagaant	ttntgtcag	tatcatattt	ttcgtaggg	aacggaggcn	120
caggaantga	tcctntggg	ttacagtcac	tttagcatag	gntgacagtt	ggngaccaan	180
tnatcttgcc	gtgttggaag	gagaggggan	taaggntgaa	gctcttgagt	ccnttgangc	240
ccttggaatc	gggaantccc	ttaaaccaac	cccttttgcc	gttgaattgc	accaaccaga	300
ttcttccagt	ctgcttgagg	angacaggac	ttcattgctn	tggagagggg	caggaggggtt	360
gggagttgac	ntnacagggc	tcagggattc	ttttagaagg	gtccagggtc	atggcttccc	420
ccccccccag	ccaggtcaga	cactaaagtg	tcttaagccc	ctccatactt	gccgctcccc	480
cacnttggat	gaagccggcc	attaggcagg	gaccgtctct	gggagaggcc	aagccctctg	540
gctcacttgt	ggatttcctt	taagcaagac	ttcctctctg	cttcaggac	tcctgtcaaa	600
caagagggtc	cctggcttag	agtttgagg	ctgcaggcag	aacagacatt	ccccgatgac	660
tcacaagcct	ggaactctgt	gggccagcag	gaatggggat	ggctttctgg	tcagtcaggg	720
tcaactggga	cactcactct	gagacaggga	ggcaaggagg	aaacagggtc	gaggtagaga	780
gagctcagtc	ccagggactc	acgttgagg	ccctaagggtg	cgctagggag	aggnttttac	840
attcggttng	gcaagctaaa	agag				864

<210> 78

<211> 874

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 874

<223> n = g, a, c or t(u)

<400> 78

gaggttggac	cacaaggagn	ttggnggaaa	atnnaaagt	caacctatca	gggtgtcttt	60
tagtttggaa	cagaggcttg	ggcagaaata	tgggcaagta	ttaggaaagt	acaaggggaa	120
atgttgtcaa	cgcgnttggt	ttcccagttg	ttgnactgat	cccnccagga	tgttttccca	180
cntatgntat	ggaacctct	ctttcaggaa	gccattntna	ncntatggnt	tgcaaccctt	240
ttggggtcgc	aacagcagg	attaacatta	ggattcataa	cgntagcaaa	atnacagtta	300
tggagtagca	atgaaataac	tctatgnttg	ggagggtcac	cacaacanga	gggacggtat	360
cacaggnttt	tagcattagg	aaggttgagg	accttatctc	agagtgtcnt	gacaatcntt	420
cntgggacca	cttgacttna	tctggagccc	tttccctcac	gctcntactc	cttaccatct	480
ctgcacagct	ctntgaggct	tagagcggtc	tttcttcata	gcttttcntt	ttccttcagg	540

tatgcagtc	catcttgctt	tagaccccag	ggacattcgc	tgtctgactc	actgcacaaa	600
atagtttccc	acatatgagt	cctcaaccgc	cccacatcac	gagacggaca	agaccggaga	660
cgccatacat	tctgtatttg	cctccttcc	tcattttaat	aggaatttgt	tgctgtttaa	720
tttttcatta	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	780
tgcgcgcgca	cgtaatatg	ccgctcagaa	tagtctaaaa	ctgctgggct	tgaaagacnt	840
ncacctgtag	gtttgggcna	gctaaaagag	tatc			874

<210> 79

<211> 886

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 886

<223> n = g, a, c or t(u)

<400> 79

attttttaat	tgcagcaatc	ctcctgcctt	ttttcttggg	tgttaantca	caggatnttt	60
gcacacttga	ggttgaantt	gcagcaatcc	tcttgctttt	gtttnttggg	cgcttggtt	120
atagtatgtg	cataacactt	gagcagtaac	tgttttcttc	aatctcattt	atctcagaag	180
ttccccttgn	tgattcagac	gttattaatt	aggcaaacca	atgttgattg	tcattacca	240
tgagttgctt	ggcttgtgag	atgcatactg	tgtgttcctg	aggcacntac	tgtgaggcat	300
gtgcccgtga	ggttcatggc	tgtgaggtgt	gtgcccgtga	ggttcatggc	tttctngacc	360
acngggagta	tgaaggagag	gaatcctacg	tttgatgcc	gccagggtta	tacagcaaga	420
tcccgctctca	aaacaaaatg	aagaagtaga	gagattagt	ttaataagca	actgaggcct	480
tgaagggctg	aggctcaggc	gtgccctggg	gcacacacag	aagcgtgcca	gtgacgtcag	540
acagactcag	ccctgtgtca	gacaggccgg	agggtgactg	gccatgtggc	gtgattggac	600
acattcccaa	aaaaggaact	cgatggaaga	ggctcctcnt	gctccagaca	gggcgggtgt	660
tatgtgactt	gtgcgagatt	agtctcatat	cctattgcta	gcctgtgcct	ggtaccacgg	720
acatggtaca	atccagggag	gagccgtaag	cactacaggg	gagccatcct	gaatcccagc	780
aagtccaact	tctgtttttt	cttccttccc	cgcaacatta	ggaatgactt	ctaagagngc	840
tgttgaaaga	ctttcacctg	taggttgggc	aagcttaaaa	gaggat		886

<210> 80

<211> 865

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 865

<223> n = g, a, c or t(u)

<400> 80

tggaggtaaa	agtcacaagn	ttttcaaggg	tttgagatga	cagttcaacg	tgagnattng	60
acaaggattg	attcttgttn	acaggaaagn	tccccatccc	accaananac	accgtgttca	120
ggcccantgc	tcagagctcc	gggcgccagc	gaagggcaaa	cggccactga	ttggaaagnt	180
gcagtttaaa	gacatgtccc	aggaactggg	anccttgtgt	gactggactt	agccttgcaa	240
ntctgtctga	agcataacnt	gntgctgtct	ntgggcgagc	atztatgtgc	cccacttgag	300
acccatctca	ggacacgcag	gacacggtcc	agtggagcct	tccctccaga	gagagggtgt	360
agggnccatc	agttagcttc	caaggacagg	ggaccagaac	ggtgaaaaca	aaccagggct	420
gtgaaggaga	gcagggcggg	ggggggggga	gggggggggc	tctntagaat	agattgaacc	480
tgacagagctg	cttgctacct	gaagttgtca	cccttttacc	cacccacntc	atctgtctct	540
gcttgaccat	ctcagcaagt	gtcacctcgc	tgccaggaca	caagtttcct	aaagcttatt	600
tcagtgtcag	ccgctgggga	gacacattca	gggcatgggc	gtccccccagc	cctcggggag	660

aatgtgggag	gtggcgatgt	gggagggatt	cgagagaaga	gaatgcttaa	gaaccatcca	720
gggaacctgt	gcgtttgaag	gtctgagtta	cacacaggct	gctcaggaag	gagctagagc	780
tccaaatagg	agctgtgatc	aggctgtgtg	tgtgtgcctg	gtgaaagact	ttnacctgta	840
ggtttgggcn	agcttgaaaa	gtatc				865

<210> 81

<211> 859

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 859

<223> n = g, a, c or t(u)

<400> 81

cangagcant	ntgaancagg	catttntgga	agggtctcng	agaaaacacg	tggaattnct	60
tgtctctggg	acttttagtnc	cagcnaggan	gatncagtga	gggaacacac	cgggcttttg	120
ttgtgcacgg	gaggccaggc	tcancnncct	tgggagnttg	acatccagca	ggctatanac	180
agtgatccag	gggacatgta	cacatgggga	actgnccagg	cagagaaaga	caagagaaaa	240
tctcaaanga	tgaagacaga	gangagtaat	atggccagaa	ngatacagtg	cctcntgcat	300
aacccttgag	tttaatttcc	agggtcaact	gtattttgaa	agtataaatg	aaagttcctg	360
aagtaataaa	tttataggat	gttagtatca	cactgttcag	aatagctcaa	aaaatcctgc	420
cntgtcctct	taagtatgtg	aatcatcttt	tactgcaacg	tgtccacaat	gtatatacta	480
catacccaaa	agtccctact	gttatcccaa	ttagtaggct	ggctgccaat	agttgtccat	540
acagagtgcc	tgctgtctgtg	gccatccnta	ctgtagtaaa	cagtcatcca	aagctcagga	600
gtgaggctat	tgtagaaatg	cacttcctgg	gggccctact	gtcagtgagc	acctgagaga	660
gaaagggaca	caggcccaag	gtgggaggcc	ttagataaag	gcccacatg	ctcaggaaaag	720
gatttntaca	gatctcttag	ggaagttaca	atcaaattca	tacctcacag	cagagctcag	780
gagaagaatc	cataaagnnt	gaagacatgc	ttgtngtgn	tgaaggacnn	tacntgtagn	840
tnngggcngc	tgaaatttt					865

<210> 82

<211> 1021

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1021

<223> n = g, a, c or t(u)

<400> 82

caatngncaa	aggtttgga	cccnggaaat	ttnaaaagtt	tgcgngantg	gttgacnttc	60
cnggtgtnaa	nggtttcccc	gttcngattg	nagggatcnc	ttttatccct	tttttnagnt	120
tttttttgag	nggaattttg	ggttcnaant	gngttacctt	taagtaaccc	cattttgcan	180
ggcatggaaa	atacctaaan	tgggatngaa	agttcanatn	gaggtcagga	anggntggaa	240
cagggtnzac	cggttngacc	gttgagacct	tgagancat	cagatntttc	ccaggtnncc	300
ccaaggactt	gaaatgaccn	tgtncccttat	ttnaantacc	caatcagttg	gtttctcgct	360
tctgttcgag	cgtttttggt	cccggagttc	aataaaggag	cccacaaccc	ntcantnggg	420
cgccagtcct	ccgattgact	gagtcgcccc	ggtaccgctg	tatccaataa	acctctctgc	480
agttgcatcc	gacttggtgt	cttcgctgtt	ccttgggagg	gtctcctctg	agtgattgac	540
taccgctcag	cgggggtctt	tcaaactgca	gttctcaagt	aagctcaacc	atccgagggg	600
catttctcaa	gccaagtcaa	acttgggagc	cctcactcct	ggtggtcttt	caaaagaccg	660
tgcattggat	agtcagagac	tctgcaggag	cggattaagt	ccaggcctgt	ctccctgctt	720
tctgcctggg	ttctaaagtc	aagaaggcca	gatggctcag	atagttgaga	cagtggctta	780

gctgattctc	tggggatgca	tttggctctgc	ccaggaaacc	ctggagagtt	ttctacccaa	840
gatactaaag	ttcaaacggc	agcgctctgc	ggcagactca	gcctatacaa	agctggcctg	900
tatctgatgg	gattntaagt	ccctgggcag	acccgggttt	gtgggcctga	agcttgagtt	960
ncaggagact	tagtgggcca	tgggattctt	ttaggatccc	gatatggnga	aacttaaact	1020
g						1021

<210> 83
 <211> 1013
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 1013
 <223> n = g, a, c or t(u)

ttttgagttt	tctengcccg	nttgtgncng	aaanncagcg	ggggtntntc	actgtgnntc	60
tcacatgtnc	tcacacanat	cnggggggacn	ctcacancnn	catctcacnt	ntgnganctc	120
acactcgtgt	gggntctttc	aaaacantgt	ncnntggata	cncagacact	cnncnagnng	180
ggntatctn	cacnngtgc	tengngnttt	nngcnngnnn	tcnaantcna	aaagcgncat	240
nnggcacata	tntntgacac	ngnggtatat	nngnctctcn	ggnganacat	ttgntnccga	300
caaaaanccn	tggagatttn	tctacncaat	annctanttt	tcacaggnga	gcnctgttnn	360
anacnncac	cntanacaan	tnnggnntgt	ntcagaggng	atcttanctc	nntggncana	420
cccgnntntg	tgnnccaaan	tnttgttttc	caagacatat	agtggnacat	gnnactctnc	480
gatntccgat	gagnananat	gtgntcngac	ntttacagcg	natacacngt	ggngcanntn	540
tcacagatat	gtgtntatnt	cnnacanaca	aatntgcnng	actcctctcg	tgtataaatc	600
aatnacggg	nggggtaaca	tnnggccncn	gttgnncagt	natanccnga	aacacactcn	660
caagggctnc	aanttttnca	ncatatacnc	cncncccgan	gggncngngc	acaaatgtgc	720
nccgaaattt	tatnccgcnc	naacactctn	aaattnttcc	cgggacccta	gatataattt	780
tcnccattna	aaatttgcac	attnttttnc	anttgccagg	gnantcgggg	gttcaccncn	840
cncnttgga	aggggnntnt	tnaaccgggg	ttcnaantta	taggggggtt	tanatcnccc	900
cattttttta	aaaagngttt	accntgggcc	ccntnttttn	cnaaaaaatt	tgnccccngt	960
ttancnccgg	gggtggggaa	cncgaatttc	ttngggngcc	cccctnagnn	ttt	1013

<210> 84
 <211> 1002
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 1002
 <223> n = g, a, c or t(u)

aaananttna	cacggattcc	ttttcctcaa	aaccaatggg	ggaataaatg	atgtngtagg	60
gttccccngt	aatggatact	aggttgaaact	tccangggga	antattattt	caataaggtt	120
ttagagggtc	cacttgtnat	cagggttattc	tggtgctttg	ggtaagcaa	acagccnatc	180
aggattgtga	ttattngant	aacccattta	cctnacagcn	gggaggaaan	ccaangggag	240
gcttgaggaa	acggcttgtg	ggttcataaa	ctctttgaat	cataccttgg	gtgattcaaa	300
tgctttttac	taggetctcc	tttcatagta	cctctcttgc	ggacaaggac	ccagtccttt	360
gaaaagcatt	gaaaactcaa	accataccac	tatcagtttc	agctttaata	ttaaattagct	420
ttctaagttc	agctgaccac	nttttccactg	gaccttcact	gatctcacag	ggaagatata	480
ttttcaacaa	ttacaaagac	atttctgggt	tggactatgc	attcctttgg	gccagattct	540
acatcctttt	tttatgccag	aatttttttag	cgttctgtga	agattgtcag	tttcccctag	600

gaaatccata	aagcttttaa	tgccttctaa	atagccaata	ttttaatgag	aaatgtagtc	660
actgatatct	ctttgtatct	aaagggtatt	ttgaggggag	ttgcttggtt	ggttggttgg	720
ttggttggtt	ggttggttag	ttggttggtt	ttggctttgg	ttttctgtcc	catggtaata	780
tgatacttat	gtcatagatt	agttaactca	aatggctctt	tcagggtggca	gtctggaaaa	840
caactaactt	ggggggaaaa	aggctgctcc	atgttctata	aaagctgtac	atgtgatttt	900
ctctgcttta	cctttttatac	tcattttattn	tgttatttgt	gtatgaaagc	cttccgtatg	960
aaagaccntt	acctgtaggt	ttggggngct	agaaaagatc	tc		1002

<210> 85

<211> 1031

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1037

<223> n = g, a, c or t(u)

<400> 85

caacnnccat	nttttgggaat	ttgnnggggta	aaattttaa	cgattcnttt	tcncaaacc	60
caantggggg	atatnnatgt	atgtngtagg	gtccccngt	aatggaatat	ttagggttgaa	120
cttacaaggg	aaatattatt	ttcacaatgg	tttagagggt	ccactgtnac	aagtattctg	180
ttgctttggn	ccangtcaaa	cagcccatca	ggatggtgat	attagaatta	accatttatc	240
caacagccag	gagaaancca	aaggggagctt	gagaaacggc	tgtgggttca	taaaactctt	300
tgaatcatat	cttggtgatt	caaagtcttt	ttattagggt	ctccttcata	gtacctctct	360
tgtggacaaa	gaccccgatc	ctttgaaagc	attgaaactc	aaaccatacc	actatcagtt	420
tcagctttta	tataaattag	ctttctaagt	tcagctgacc	accttttcac	tggaccttca	480
ctgatctcac	agggaagata	tattttcaac	aattacaaag	acattttctg	ggttgactat	540
gcattccttt	gggccagatt	ctacatcctt	tttttatgcc	agaatttttt	agcggttctg	600
taagattgtc	agtttcccc	aggaaatcca	taaagcttta	aatgccttct	aaatagccaa	660
tatttttaat	agaaatgtag	tcactgatat	ctctttgtat	ttaaagggtta	ttttgagggg	720
agttgcttgg	ttggttggtt	ggttggttgg	ttggttggtt	agttggttgg	ttttggcttt	780
ggttttctgt	cccatggtaa	tatgatactt	atgtcataga	ttagttaact	caaagtgtct	840
tttcagggtg	cagtctggaa	aacaactaac	ttggggggaa	aaaggctgct	ccatgttcta	900
taaaagctgt	acatgtgatt	ttctctgctt	taccttttat	actcatttat	tttgttattt	960
gtgtatgaaa	gcccttcncc	tatgaaagac	nttcactgta	ggtttgggcn	gctagaaagn	1020
gacnnnaaa	a					1031

<210> 86

<211> 1039

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1039

<223> n = g, a, c or t(u)

<400> 86

aanttttgng	agnttttgga	atnnaacngc	ggttccttat	gntgggnaaa	aaaccnctnc	60
nanaccccaa	taccttggtt	nttttaanat	gcncctgggt	aagcnaantt	gaattatttt	120
ccntgggata	anaagtggaa	tcattgacag	ttttgtgggt	cttttnncat	ccccatgngg	180
tttnatgact	aggcacttta	tttcatggac	aaaccagtgt	tgtccctent	ggggactgag	240
tgggattaaa	aaaaccttcc	aaaaatgtgt	aatntgatca	aaccatttga	gacaatcagt	300
gnggagtatt	agcaaattaa	actgacttgt	tcacttntga	aaantgatgt	ctgatttcgg	360
agaatccca	gtgcctcggg	acatgaaagg	gagatgtaac	cttgagttca	tgggttaggag	420
ggaattcata	gagacagttg	gtaaaaatct	gagtggggtt	gagaggttgg	aggaccacat	480

tgtgtatttg	ctcatcntgt	gagggagaga	ctttgtactc	tgctctgaga	aggcagaact	540
gttaggcaga	cacttagaga	atatatgtca	tggaacaga	catccacca	acaagtcttc	600
agtaacaaag	cactaaacag	aaaggggttg	aagagactgg	tcagtggctg	agagctttta	660
ttgctcttac	agaggactcg	gcatgcntag	cagctcaca	cagcntgtga	cttcaacact	720
atgcctctgg	cctcaggaga	cacctgtgta	ctcccacca	gacacatata	cttaaaaaata	780
aaagaaatct	tttaaacatt	gagcaaagt	aatcagggtac	taacattgaa	tatatctggg	840
gccaggaatt	attctgggtt	attgcctttt	tcggaagcct	aatatcacac	atagagaaat	900
aggcagcaca	ggcctaacag	cccataatgt	gtgctattct	atcaatagtg	ccaagtattg	960
acatggacta	ttcaaaaagg	ccaaaagtta	aatggccag	aagtncaaca	taaagnccgg	1020
cnagctaaaa	gagatcntc					1039

<210> 87

<211> 1058

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1058

<223> n = g, a, c or t(u)

<400> 87

aaaagctttt	tttcagnttg	gccaattttt	aaccatttaa	anattgttnt	ttggaatcng	60
catttggttna	ngttattgnc	gaggaaggta	ntaagggant	ttttccaaa	ttncaccat	120
tnttgccag	ttgggatttt	gattgantgg	gaaccccca	ggntttaata	agcctttgga	180
tttgttcaca	ggggattaac	aaantccttt	gnttaatggg	gattgaattt	gggaaattgn	240
ttcctaatt	ttccaggacc	aatgcacant	ggantattag	aactgatgta	acagagtgat	300
atgggaccaa	gtaggaacaa	gggtgcaggt	ttgccgaggc	aggtaattgn	tggtcttgct	360
attgtcataa	ctttcttgaa	agtttttagga	cttggacgga	cagaagacat	gatcattagt	420
atacttgatg	acaagtggag	atgaaaggac	aaaaattgtg	cacatcaaga	ggagaattta	480
acattgggtt	ttcttgcat	agctatccac	ttctgcccc	accctcccac	ccccttaatc	540
ccagttacct	tgacgattga	ggtcattttc	tctgaacaca	ttctcttctt	ggatgttaaa	600
gtgccatttg	acactgtgtt	tagggacact	gcttaggcgg	gggtggggga	attgccacag	660
aagcttgacc	ttagaagggt	gagactctgg	aagcctgaga	gagatgagat	ctgtcaaaga	720
aacgcttagc	gttggtatgg	gatgcgtagg	aggctgtact	cttggtctct	agatgctatc	780
acgggtgatg	taggagaaat	gatctcactc	agcccaagat	cattcccttc	caaatgtgct	840
catcccatca	gcaagcaaga	cctgtactga	agccagcagg	ggcgtgggtac	agagtccggc	900
atTTTTTgca	tgccatgctg	gtttgatgtt	tgaactctaa	agggtggagac	tggtgggggc	960
agcagggcag	acagtcttct	gatgatttct	ctgccttcaa	actgaggttn	actcttgaaa	1020
gattncacct	gtaggtnggg	caagctaaaa	gagaggcc			1058

<210> 88

<211> 1043

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1043

<223> n = g, a, c or t(u)

<400> 88

atTTTccatt	gcgcncatt	gaacggnttt	gcgnnggggt	ttaggggttn	aanggatttt	60
nagtgtgcn	aanaagggtac	attgaaggcn	ttntttggat	ttggntttgt	aanccatttc	120
ccttngaaaa	ngagttgtag	tnntaanccg	caaacaacca	ccggtttag	cgtgggtttt	180
tggtgcaagc	ngcggtttag	gcggaaaaaa	ggatntaagg	agatccttn	ncTTTTcttg	240

ggggtctgac	gnntcatggt	gtgtggaatt	ntgagcgggt	acaatttcac	acngattttt	300
tatgcaaate	cacttgccaa	gttggnataa	ctgacttatt	ttaccgggaa	ntctccatgt	360
atcttctttg	gacacttacc	cttacagagc	ccaggatgaa	ttttgaccaa	gccaaagtatt	420
cacacagccc	aatgtgacat	gttaccacaa	attggngatt	ttccttcagt	acactcaaat	480
gacacaagct	ttttctcgat	gtctttcttg	tcattcacta	ccaggatgaa	attaattttta	540
tcttctgagg	angcaatata	cgatccaccc	aggaaaattc	acttttagatc	ttcgtttctca	600
tttcttgagg	aacagaattt	gagctgaatt	tctcttagaa	aaatctgtcn	ttcagaaaact	660
taaattcttg	ctgttccata	acagaagtca	gcaagtgaact	caccctccag	atacagggtat	720
attacctcca	ctcccatcca	cagagactta	attctagtca	gcttcatgat	agtgagcctt	780
catccgtaag	gagctgtatg	gtatgggaag	gggatacaga	cagggccagg	ggtgttttta	840
aacggtaacc	cagggaccac	atccattaaa	aacactggac	tgtttgtag	agtgtatatt	900
cctgagcatt	gcctatccct	taaggtaacta	caaaatttgg	gagtgaggct	cagcaaaacta	960
ttttaacatg	cctctccacc	aacnactcaa	gattcccggtg	nacagttgaa	agtttncacc	1020
aaaggtgggc	aagctaaaga	gat				1043

<210> 89

<211> 454

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 454

<223> n = g, a, c or t(u)

<400> 89

aattcatccc	tcatttgccc	tgctagtga	aactatttca	gacctgaaga	caacatcctt	60
gaaaacttct	ctggagaatg	tgacagagatc	accatggcaa	cctgtcccgg	gccctgcctg	120
gcagggtccc	aaggcacaca	aataacgcca	ctggaatgtg	gtgcagggtc	ccgggtgggg	180
tgactagaaa	agctgccaat	tttccatgaa	aaccaccggt	gagaagcctc	agcctcagga	240
aggtgtcagt	agagaggggt	gggttctctc	tagcaccaag	ggacagggtg	tgcgcaagca	300
tgcgcagaag	cacactcacc	ggcctccttt	ggggcagggc	tgccctgaaat	gaaccggcctt	360
cagttttgtg	cagctcaagg	gcacaaggnt	agtgcctctt	ncttggnent	gaggcactnn	420
taaatgtagg	ttgggcgcgc	taanaaagat	ccnt			454

<210> 90

<211> 873

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 873

<223> n = g, a, c or t(u)

<400> 90

gttgttattc	aatcatccac	atttgtaaaa	acacacttcc	ggctcctcctt	gtgtcnggca	60
gtaccatcca	ttgagtttca	ggaagcagaa	gttttaaaag	ctnccagcan	cntttaaatc	120
cacagctcaa	gttggtgaac	accttgaggaa	actaccactt	attcaccag	aggagagttg	180
attcaagtag	ttagtagcct	tntgcatcag	aanccaccag	ntactgccgg	tgagagtcgg	240
taatnccang	aactcatcca	tgacaggcaaa	tttaaggaca	cacggcttga	cacagagatg	300
gttanatcgg	ctgtgacagt	tcttttagtg	gagacttttg	ctttctgaat	ccacagggtc	360
tactttcttt	ctttttcttt	ttaagacaag	ctctcatttt	catcttgaga	aaatgtctga	420
tcaagccacc	aactgaaaac	ctgccattat	aaacgaggga	tttcacaatg	ctcattccaa	480
aatctgcggc	tattcatttc	tggaagtga	tcactgagga	aggacgggtg	ttgggggtgg	540
gagggagaga	tcatttttag	gagaccgcct	gctctctgag	aactgagcag	aaaccccaga	600

gtggctagca	cgtgtgtgca	gcgaccccag	ctcagctctc	tgagtcaccc	cctccccccag	660
atgacacgcc	atgaccagtc	tctctgtgaa	agccacttgg	tggaacaaaa	gccctttggg	720
ctgtgcaccc	agcctcacat	ctgcctctct	gggggctatt	ttcacataaa	tcaggaggga	780
ggcagcagca	gttgccacc	tgttttngac	tccgattgct	tggggantga	aggactttnt	840
naatgtaggt	ttgggncngc	tnaaaagatc	cnt			873

<210> 91
 <211> 876
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 876
 <223> n = g, a, c or t(u)

<400> 91						
gttgttattc	aatcaattct	gttgcttttg	ncdangtcaa	acagcccato	cgggatgtga	60
ntatnggaac	taaccatttt	atcctacagc	caggaggaaa	cccaanggga	ggctgaggaa	120
acggctgtgg	nttcataaaa	ctctttgaat	cataccttgg	gtgattcaaa	tgctttttac	180
taggctctcc	ttcatagtac	ctctctgtgg	acaaagaccc	agtccctttg	aaaagcattg	240
aaactcaaac	cataccacta	tcagtttcag	ctttaatata	aattagcttt	ctaagtccag	300
ctgaccacct	tttactgga	ccttcactna	tctcacaggg	aagatatatt	ttcaacaatt	360
acaaagacat	ttctggggtg	gactatgcat	tcttttggcc	agattctaca	tccttttttt	420
atgccagaat	tttttagcgt	tctgtgaaga	ttgtcagttt	cccctaggaa	atccataaag	480
ctttaaatgc	cttctaaata	gccaatattt	taatgagaaa	tgtagtcact	gatattctct	540
tgtatttaaa	ggttattttg	aggggagttg	cttgggtggg	tgggtgggtg	gttgggtggg	600
tgggttagttg	gttgggtttg	gctttggttt	tctgtcccat	ggtaatatga	tacttatgtc	660
atagattagt	taactcaaat	ggctttttca	gggggcagtc	ttgaaaacaa	ctaacttggg	720
gggaaaaagg	ctgctccatg	ttctataaaa	gctgtacatg	tgattttctc	tgctttacct	780
tttatactca	tttattttgt	tatttntgta	tgaaagccct	tccgtcctga	aagaccttta	840
cctgtaggtt	tggnccggtt	aaaagatcnc	tgggccc			876

<210> 92
 <211> 459
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 459
 <223> n = g, a, c or t(u)

<400> 92						
aattcagaag	gatctcagaa	attgaaagca	tgtgcaaaga	taaagatttg	gggtagtagn	60
agtgggtcaaa	agggacaagg	taataatggg	aatatgcttt	tgtgtatgtg	ttctttttaga	120
gttatgttaa	aattctagaga	agcaaagtcg	attctcatag	atgcttttag	tcctttggacc	180
ctgactagag	acagttttaca	ccctagacaa	gagagagaat	gggggttgagt	aaaacagtc	240
tcccgaactc	tccacagatg	ctttggcaaa	agaaggaaat	gagcttaaac	tttttggagc	300
tctcctggga	acagaaggag	gtgggagacg	tcttgccctc	ttgctggctc	ctactggaga	360
agtgcttatt	tctgggtntg	ggtttttttag	gtngnttgtc	tgggttcctn	gggnccctgag	420
ggcacttnna	aatgtaggtn	tggcgcgcta	aaaangatc			459

<210> 93
 <211> 3133
 <212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 3133

<223> n = g, a, c or t(u)

<400> 93

acccacacnc	cnancnacac	ccacacacca	anccacaccc	acacacccaaa	ccacacccac	60
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gagtgtggtg	tgctctctc	actgagtgtc	agccagccct	ttcctctact	tcaggtaaag	180
gtttctccac	tgctctactg	tgctccctgtc	acatgggac	aaagccatct	cagcagtcct	240
tctcaaggac	gtgggtgcca	ggtttggaag	ctggaatgcc	tacatctaaa	atcttgacca	300
tgacttgatga	caacttacat	atacatagac	atatatacat	atacagctta	catagacgca	360
gagcctcaga	ctctctgaa	gaacgggttg	attctgtgct	ctgcagagat	gctgggagag	420
tgtataaaaa	ggtcaagaaa	gcaggcttag	aaagaagggc	aactctacct	agtgtctcct	480
tacaattttg	ttttacgtcc	tcttctgccc	acagagccct	taagacactc	cctactttct	540
gcatcattcc	tggtgtcttg	taggaacaag	ttagtgaatg	atcactctgt	aaacacatac	600
ctacagggcc	tccttacctt	gggctctgga	acacccgggtg	aagtctgtgg	gtaggagggg	660
ctggctgagg	ttgagtgtat	caagtaatca	actggcagta	ccctntgggg	agtggcctgt	720
ggtttctctg	tccctctctt	gggtgagaaa	tcctagggtg	gtgggagcca	aggcttaggc	780
aaagggttcag	gcacagcagg	gtgtgggagg	gagtgaagct	atagtagagg	tgagtggag	840
gtatggattc	gaagactttc	ggattaaaaa	aaaagcaaaa	aaaaaaaaaa	aaaaaaaaacc	900
aaaaacccaaa	acaaaacaaa	aaacccaaaa	acaaaacggg	ccaaccagt	agatgtggct	960
tgctctgagt	tgctaattat	gcagggtcta	gatctcaaaa	acagtctgtg	ctctggggcc	1020
actgctgaca	tccaagtcag	gcccagaagc	tcttgggtctt	catctttcct	ttccctctca	1080
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ggggttacat	ggcactcccn	tattcacttt	tagggttacc	acaaaagctt	gtgattcttt	1260
ccctcnttag	gactgagctt	ctacccccgc	acacagccct	aactttgggt	ttccccacca	1320
taatggggca	cccacccccca	ccnccgcccc	acccaccccc	aagaaaaaga	aaaaagaaaa	1380
agaaagaaat	gaaacggcca	gctggctctt	acccactttg	ggcagcagg	gtttctctcc	1440
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gataggggag	cgccgccccg	ccntcccggg	gaaggacaca	ttgcttggtta	gcaggaagcc	1980
agccagaccc	ggaggaggcc	gctccagcgt	tggtgttgcc	ggtccggggc	tagcctgatc	2040
cgggcagggt	gagttgagac	gatcgggtga	gcttgggccc	gggacgccag	cgtcttcagt	2100
cctggggatt	gtcccaggag	ggcaaggagc	ttggaggagg	gaggccgcac	agctagggga	2160
gtcaggctctg	agtcgccagt	gtgctctaaa	gccggggcgg	tgagagtggc	ggcccccccg	2220
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tttccagagg	aggaactgaa	gcagtgggtc	tttaagtaac	tgactcaggg	ctttcctgcc	3060
tggcgcgct	gccaggcata	gtgtagcatt	gtactgcac	ttctttgacc	agtttcccca	3120
ggtgaagagc	ctg					3133

<210> 94

<211> 2161

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 2161

<223> n = g, a, c or t(u)

<400> 94

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gaagccacac	acacctgttt	ttgttttcca	tctctgaggg	atctgccatc	tactgtacat	120
gcagtttctg	aaaacatttg	tttgccggtt	ttctatttgt	ttactaagtt	agttcagttt	180
tcacagtggt	cacaaactag	aagtcattca	tatgagtaaa	atttgttaaa	acgtcttcat	240
aaagttttca	gtttgcgagg	agcatacaag	gaaagggctc	cttaagtggg	aagggagcag	300
gctctgtggc	tttctcattc	taacccttgt	ttgttcctgt	gaggtgtgga	gccctgctct	360
gctgctgtct	ggacagagca	gagatccttg	cagcagccac	agctctttac	tgcagatgtg	420
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cctcctgctc	ccagctccag	acagctcgtc	tttctgttgc	agcagcactg	tgaacaccag	540
agtgattctg	agcttagatt	caagatgacc	tcacacttat	gggaatcctg	tgcgtggagc	600
tgttgcttsc	tgtttttact	gccavgatc	ttccagctga	atgccagagt	gttgagtgtg	660
cccacccctg	ggtarcccag	cttgctccac	caccctctgt	ggatactcca	cccagtctgc	720
tgttaccagg	cactggccca	gtgaaaatct	aaaggtttta	ttgttttagta	gaaaattaaa	780
acacttacta	cagtttgaat	gtgttgacac	ttatggtctg	aggccaaagg	aaggtaggca	840
gaagggaaaac	aggaggcaag	gaggggaaga	aagctggaga	gtctggctgg	agggcgatgc	900
cctcctgggt	ctgaaagagc	cacacccttc	tgctgccagt	tacaggccga	tctgctgctt	960
agcaccaccc	tgatgtgctc	cagcatctcc	cgttccagcg	tggtttctgg	tcgraccttt	1020
attccacggg	tacttgaggg	gtgtgtgtgc	gtgctgtgtg	gtgtgtgtgt	gtgtgtgtgt	1080
gtgtgtgtgt	gtgtacatgt	ctgtgtcccc	atgccacagc	acttggtggg	gtcagaggac	1140
aaaggacact	aaattgcttc	tccctttcca	tcacgtgggt	ccctcaagct	tggatcttga	1200
aaacgttact	tctagtgtaa	ttgtcctaaa	agttcacgtg	gactttaagt	ctcttggtta	1260
aagtctgtag	gcagttctgt	tcccgcagca	cagttcctca	caaagccctc	tgatggctga	1320
ttctttgctc	ttggangcac	aaggctgtgc	cgtgcttaag	acaggctgca	cagcttarga	1380
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cactgtacct	gaattattta	acactgtaat	gctagtgcct	gatactgaat	tcatgactat	1560
aagttcanar	ctgcaracac	agccttaggt	gttaaacagt	atatttttaa	gagcttcaag	1620
tgcacagaac	agtaggggtg	cagttttgac	cccctaggtc	tggactttga	ggttgcatct	1680
catgaatgca	gctctgagct	gggggcgcca	tactctacat	tgtaaagtaa	tgcacctcct	1740
aactacctgc	catggtagca	agctccagcc	acctgaaaag	cagccagccc	tcttggggca	1800
gcactgcatg	aggaagcctg	aaccccagca	aaggagcatt	gggctgctat	gtctgttctg	1860
ctacagcgac	aaatcccagt	gtgcacttgc	caacagctgg	aggcatgcca	tagccagggg	1920
ttcagcatgg	ctgcccttgg	agagaggcgt	gcgctgtgtg	tgtgtgtgtg	tgtgtgtgtg	1980
tgtgtgtgtg	tgtgtgtgtg	tgtagaata	agcaactact	gacaaattca	rgarcataaa	2040
cattatggaa	atttttttgt	gtatgtcatc	atttttaatt	taaaagatgc	cttattttct	2100
cctcttgtaa	ctaaagagat	tatatttcac	tttataaaga	aaaaaaaaaa	aaaaaaaaaa	2160
a						2161

<210> 95
<211> 824
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 824
<223> n = g, a, c or t(u)

<400> 95
gggggntttt cnnanntanc aaaaantngn tntancanng antnnttgag ntgttgaagn 60
aangnggaaa angttttgaa atcantgtaa tgaggttcca aaaattgagc aggaaattgg 120
atgntgtcag gagaaaccn ttcagntttg tgcaattggt tgcgcagcag ttaggaccgn 180
ttccccatca cttgtgccag cggacatcca gntattgagc cntgnatcat ttatggnaca 240
aattaggaac acacaacaga gatccgcttt ntgaetgcca tgttcgcaa actcaattgg 300
gggaagtaat cctccagacc gttccgtttg cacgntagg aagccacagt gaaaacacaa 360
aattcgtgga ggcgactcta accaggaagc ctaatccnt agattcccgg gacactgggg 420
caggcgtcct aaaaacagct ttgtggggct tcagtccctc gtgcgggttc agtccgggtc 480
ttggggatcg cctcgcggg gaatgtccgg gactcgggtc ggtatctttt tggcctggga 540
atttcacgagc tgtggaaaa gtccacaaac ttagtcctca ctgcccgcct cgcctcctcc 600
ggcctttctc ggtgccacag cccccccga tcgaaccga ggatgagcat aggggtgtatt 660
ttaggcgtgc tgggcttccc cgccccctc tgccactta gctggcaaga agaaagccag 720
cactataaag gaggccagg ccaaggactg gcctcctctt gctcacgagg tcagacgcga 780
gctctgaaag acttcacctg taggtttggc aagctgaaga gatc 824

<210> 96
<211> 774
<212> DNA
<213> Rattus norvegicus

<221> misc_feature
<222> 1- 774
<223> n = g, a, c or t(u)

<400> 96
gagggganna ncancaggac caancngata aggggggtcaa caacntgngt tccnccntt 60
gagngggaaa tgagcacgng gcantccaac cgnccaagg cccgnttcgg acggtcacac 120
antaggtnt catntggatt gccngngttc cngttggcat ccgggaaaan tgagactgtg 180
tcggtaccag agntaggatg gccntccttc ccngcccgg ccttnttggc gccttgcgat 240
ccttcccga cgggcccntg gcgtctccgc cttnggcact tgcacatntg gcggcccagg 300
atggcgcttc cgggatggcg ccagcgcgag tacgtcatca cggagcgtcc atgtgttcct 360
tctgtccaag cgntaggag cctgcgcgta ctcccagcaa ggaagatgta ggacaaaat 420
gtagaagcac ttaacatgaa cgtcaaaacg atgaccaatc acagggcgat atatgcgcat 480
gcgcaatgtt ccaatcatgg ctcataagca atccggaggt ggccaattaa atatactatt 540
tactaatcca gggttacaca gtgaaaccct gtctcgaaaa ataaacacag ggctggagag 600
atggctcact gattaagaac actgactgct cttccagaag tcttgagttc aattccgagc 660
aagcacatgg tggctcaciaa coatctgtaa cagattctgg tttatgtnga gacaactaca 720
gtgtactcgt attgaaagnt ncccacctgt aggttngca agctaaanga gatc 774

<210> 97
<211> 248
<212> DNA
<213> Rattus norvegicus

<221> misc_feature

<222> 1- 248

<223> n = g, a, c or t(u)

<400> 97

tgacacttca	tggaaactga	gaccgggagc	ttccaccaga	aggcactgcc	cagtggagaa	60
aaccgacttc	tttttgttgt	tgttctgatg	ttttgttttt	gagataaagg	tctcactgtg	120
tagctcaggc	tggttttgaa	atcaggatcc	tgaccctcag	gaatgttaaa	gtgcctaaaa	180
gtggngacaa	attatttttac	gtgcctttga	aagacttcac	ctgtaggtn	ggcnagctag	240
aagagatc						248

<210> 98

<211> 880

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 880

<223> n = g, a, c or t(u)

<400> 98

aanatggntt	ggttntaaag	gttaaaattg	gggcaaaatt	tttccgcccg	ggtccttaaa	60
ccggattaac	tccaaggcca	aaattccgag	ggggaatcaa	caacaaggac	ccaaccggat	120
taaggcgggt	tcaaacaaac	ttggatttcc	ngccctttgg	ggcgggggaa	atgggcacgg	180
gngcattcca	agcngntcaa	ggttccggct	tgcgagcggc	taacacaant	aggtttctca	240
tctagattgg	ccngcggtgc	ggttgagcat	ccgggaaaat	tgagattgtg	tcgggtaccag	300
aggtaggatg	ggccttcctt	cccngccccg	gcttcctggc	gccttgcnat	ccttccccgaa	360
ccggcccttg	ggtctccggc	cttgggcact	tgacatcttg	gcggccagga	tgcgcttccg	420
ggatggcgcc	agcgcgcgta	cgatcatcac	gagcgtccat	gtgttcnttc	tgtccaagcg	480
cttaggagcc	tgcgcgtagt	cccagcaagg	aagatgtagg	acaaaaatgt	agaagcactt	540
aacatgaacg	tcaaaacgat	gaccaatcac	agggcgatat	atgcgcgatgc	gcaatgttcc	600
aatcatggct	cataagcaat	ccggaagtgg	ccaattaaat	atactattta	ctaaccagg	660
gttacacagt	gaaacccctgt	ctcgaaaaat	aaacacaggg	ctggagagat	ggctcactga	720
ttaagaacac	tgactgctct	tccagaagtc	ttgagttcaa	ttccgagcaa	gcacatgggtg	780
gctcacaacc	atctgtaaca	gattctgggt	tatctggntt	cnactacagt	gtannggcat	840
tgaaagatnn	tacctgtagg	ttggncagct	aaaaaggatc			880

<210> 99

<211> 864

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 864

<223> n = g, a, c or t(u)

<400> 99

aattttaant	tggtggnata	anggcttgnc	catatccttc	ctnttgtttg	ccctaagtaa	60
cagccaattg	ggggagaant	ttntgtcag	tatcatattt	ttcgtaggg	aacggaggcn	120
caggaantga	tcctnttggg	ttacagtcac	tttagcatag	gntgacagtt	ggngaccaan	180
tnatcttgcc	gtgttggaag	gagaggggan	taaggntgaa	gctcttgagt	ccnttgangc	240
ccttggaatc	gggaantccc	ttaaaccac	cccttttgcc	gttggaattgc	accaaccaga	300
ttcttccagt	ctgcttgagg	angacaggac	ttcattgctn	tggagagggg	caggaggggt	360
gggagttgac	ntnacagggc	tcagggattc	ttttagaagg	gtccagggtc	atggcttccc	420

ccccccag	ccaggtcaga	cactaaagt	tcttaagccc	ctccatactt	gccgctcccc	480
cacnttggat	gaagccggcc	attaggcagg	gaccgtctct	gggagaggcc	aagccctctg	540
gctcacttgt	ggatttcctt	taagcaagac	ttcctctctg	cttccaggac	tcctgtcaaa	600
caagagggtc	cctggcttag	agtttgggag	ctgcaggcag	aacagacatt	ccccgatgac	660
tcacaagcct	ggaactctgt	gggccagcag	gaatggggat	ggctttctgg	tcagtcaggg	720
tcaactggga	cactcactct	gagacaggga	ggcaaggagg	aaacagggtca	gaggtagaga	780
gagctcagtc	ccaggggactc	acgttgagg	ccctaagggt	cgctagggag	aggnttttac	840
attcggttng	gcaagctaaa	agag				864

<210> 100

<211> 874

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 874

<223> n = g, a, c or t(u)

<400> 100

gaggttggac	cacaaggagn	ttgngggaaa	atnnaaaagt	caacctatca	gggtgtcttt	60
tagtttggaa	cagaggcttg	ggcagaaata	tgggcaagta	ttaggaaagt	acaaggggaa	120
atgttgtcaa	cgcgnttggt	ttcccagttg	ttgnactgat	ccnccagga	tgttttccca	180
cntatgntat	ggaacctct	ctttcaggaa	gccattntna	ncntatggnt	tgcaaccct	240
ttggggctgc	aacagcagg	attaacatta	ggattcataa	cgntagcaaa	atnacagtta	300
tggagtagca	atgaaataac	tctatgnttg	ggagggtcac	cacaacanga	gggacggtat	360
cacaggnttt	tagcattagg	aagggtgagg	accttatttc	agagtgtcnt	gacaatcntt	420
cntgggacca	cttgacttna	tctggagccc	ttccctcac	gctcntactc	cttaccatct	480
ctgcacagct	ctntgaggct	tagagcggtc	ttcttcata	gctttccntt	ttccttcagg	540
tatgcagtca	catcttgctt	tagacccag	ggacattccg	tgtctgactc	actgcacaaa	600
atagtttccc	acatatgagt	cctcaaccgc	cccacatcac	gagacggaca	agaccggaga	660
cgccatacat	tctgtatttg	ccctccttcc	tcatttaa	aggaatttgt	tgctgtttaa	720
tttttcatta	tttgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	tgtgtgtgtg	780
tgcgcgcgca	cgtaatatg	ccgctcagaa	tagtctaaaa	ctgctgggct	tgaaagacnt	840
ncacctgtag	gtttgggcna	gctaaaagag	tatc			874

<210> 101

<211> 886

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 886

<223> n = g, a, c or t(u)

<400> 101

attttttnaat	tgcagcaatc	ctcctgcctt	ttttcttgg	tgtaantca	caggatnttt	60
gcacacttga	ggttgaantt	gcagcaatcc	tcctgctttt	gtttnttggg	cgcttggatt	120
atagtatgtg	cataacactt	gagcagtaac	tgttttcttc	aatctcattt	atctcagaag	180
ttccccttgn	tgattcagac	gttattaatt	aggcaaacca	atgttgattg	tcattaccca	240
tgagttgctt	ggcttgtgag	atgcatactg	tgtgttcctg	aggcacntac	tgtgaggcat	300
gtgcccgtga	ggttcatggc	tgtgagggtg	gtgcccgtga	ggttcatggc	tttctngacc	360
acngggagta	tgaaggagag	gaatcctacg	tttgatgcca	gccagggtta	tacagcaaga	420
tcccgtctca	aaacaaaatg	aagaagtaga	gagattagt	ttaataagca	actgaggcct	480
tgaagggtg	aggtcaggcg	gtgccctggt	gcacacacag	aagcgtgcca	gtgacgtcag	540

acagactcag	cctgtgtca	gacaggccgg	agggtgactg	gccatgtggc	gtgattggac	600
acattcccaa	aaaaggaact	cgatggaaga	ggctcctent	gctccagaca	gggcgggtgt	660
tatgtgactt	gtgcgagatt	agtctcatac	cctattgcta	gcctgtgcct	ggtagccacgg	720
acatgggtaca	atccagggag	gagccgtaag	cactacaggg	gagccatcct	gaatcccagc	780
aagtccaact	tctgtttttt	cttccttccc	cgcaacatta	ggaatgactt	ctaagagngc	840
tgttgaaaga	ctttcacctg	taggttgggc	aagcttaaaa	gaggat		886

<210> 102

<211> 865

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 865

<223> n = g, a, c or t(u)

<400> 102

tggaggtaaa	agtcacaagn	ttttcaaggg	tttgagatga	cagttcaacg	tgagnattng	60
acaaggattg	attcttgttn	acaggaaagn	tcccatccc	accaananac	accgtgttca	120
ggcccantgc	tcagagctcc	gggcgccagc	gaagggdcaa	cggccactga	ttggaaagnt	180
gcagtttaaa	gacatgtccc	aggaactggg	anccttctgt	gactggactt	agccttgcaa	240
ntctgtctga	agcataacnt	gntgctgtct	ntgggcagc	atztatgtgc	cccacttgag	300
acccatctca	ggacacgcag	gacacggtcc	agtggagctt	tccctccaga	gagaggtgtt	360
agggncctac	agtgaagctt	caaggacagg	ggaccagaac	ggtgaaaaca	aaccagggct	420
gtgaaggaga	gcagggcggg	ggggggggga	gggggggcgc	tctntagaat	agattgaacc	480
tgacagagctg	cttgctacct	gaagttgtca	cccttttacc	caccacntc	atctgtctct	540
gcttgaccat	ctcagcaagt	gtcacctcgc	tgccaggaca	caagtttcct	aaagcttatt	600
tcagtgtcag	ccgctgggga	gacacattca	gggcatgggc	gtcccccagc	cctcggggag	660
aatgtgggag	gtggcgatgt	gggagggatt	cgagagaaga	gaatgcttaa	gaaccatcca	720
gggaacctgt	gcgtttgaag	gtctgagtta	cacacaggct	gctcaggaag	gagctagagc	780
tccaaatagg	agctgtgatc	aggctgtgtg	tgtgtgcctg	gtgaaagact	ttnacctgta	840
ggtttgggcn	agcttgaaaa	gtatc				865

<210> 103

<211> 859

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 859

<223> n = g, a, c or t(u)

<400> 103

cangagcant	ntgaancagg	catttntgga	agggtctcng	agaaaacacg	tggaattnct	60
tgtctctggg	acttttagtnc	cagcnaggan	gatncagtga	gggaacacac	cgggcttttg	120
ttgtgcacgg	gaggccaggc	tcancnnct	tgggagnttg	acatccagca	ggctatanac	180
agtgatccag	gggacatgta	cacatgggga	actgncdagg	cagagaaaga	caagagaaaa	240
tctcaaanga	tgaagacaga	gangagtaat	atggccagaa	ngatacagtg	cctcntgcat	300
aacccttgag	tttaatttcc	agggtcaact	gtattttgaa	agtataaatg	aaagttcctg	360
aagtaataaa	tttataggat	gttagtatca	cactgttcag	aatagctcaa	aaaatcctgc	420
cntgtcctct	taagtatgtg	aatcatcttt	tactgcaacg	tgtccacaat	gtatatacta	480
catacccaaa	agtcctcact	gttatcccaa	ttagtaggct	ggctgccaat	agttgtccat	540
acagagtgcc	tgctgtctgtg	gccatccnta	ctgtagtaaa	cagtcatcca	aaagtcagga	600
gtgaggctat	tgtagaaatg	cacttcctgg	gggccctact	gtcagtgagc	acctgagaga	660

gaaagggaca	caggcccaag	gtgggaggcc	ttagataaag	gcccacatg	ctcaggaaag	720
gatttntaca	gatctcttag	ggaagttaca	atcaaattca	tacctcacag	cagagctcag	780
gagaagaatc	cataaagnnt	gaagacatgc	ttgtngtgnc	tgaaggacnn	tacntgtagn	840
tnngggcngc	tgaaatttt					859

<210> 104

<211> 883

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 883

<223> n = g, a, c or t(u)

<400> 104

gggggggnnaa	naatttccca	aaaannngnng	gncccntttt	ttatccagtt	tnngggttgaa	60
natctcnccc	cggtttnaaa	accncaatg	gggaaaaagg	tacancngat	tnnttatnng	120
tttgggcgga	gggggaaatt	tttttggttt	tttntttnn	gggatttttg	aaaaaaaaan	180
gaanttttta	ggtttcccn	angtaattta	tttcaatgga	ccatttttgg	ggttctccct	240
tttgtaanan	gttaaaaaa	aggganttcc	aannttntct	ttcagtttcc	agtttcacct	300
tcngtagcag	accagtttt	cattttgagn	tggtncnnaa	aaggnttccc	aactatgttc	360
aataccacag	gcagcctgca	ggaggggagaa	tggtatgta	tttaacagca	tttgaccaa	420
ttataagagc	agagaggagc	tttaccaggg	acaggagggc	aaaagagctg	aatnttaaac	480
aaaagaataa	gaacaggatn	tcactctgtga	gctgtcacag	tgggtttgca	gagcaggaga	540
acacagacag	gattagctat	aaagtgtgta	cattagttat	tntattggag	catacaatac	600
ttaaatagtt	ctagggcaag	agaaatgaac	agaaatgacc	ttataagagc	cagagctgta	660
gccacagctt	tctttgtgct	tagtttgnta	gttcantctt	tccagggcag	tctggtggat	720
nacaccaaat	tgcttttagaa	aatgctagnt	ctactgtccc	tgtctattgt	cagctttgca	780
atgtgcatag	tgacaggagt	tgcttgggag	cttggggctt	atgttttgca	gatccattgt	840
aattaaaaaa	gaattgtaag	gagatggagg	cacggggtga	ggg		883

<210> 105

<211> 987

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 987

<223> n = g, a, c or t(u)

<400> 105

canntttccc	ntanccgaaa	ntttnttttt	ggcccaccn	gtaagacgga	ttttttncaa	60
ttgcggancc	aatggaaccg	gtttgccggg	nngtnttttg	gggtgaacgg	ttntntaant	120
ggngccaaan	aaggtnatt	ggaggnctta	tttgaattgg	tntgtaaanc	nttntcttgg	180
aaaaggnttg	tagcnttaan	ccggcaacaa	accacgggtt	gtacgggtgt	tttttggtgc	240
agccgcagnt	tangggcaga	aaaagaattc	aggagatcct	taancctttt	nttcgggntc	300
tgacgctcat	gttgtgtgga	ttntgagcg	gttacanttt	nacacggaat	tctattcact	360
ggcatgactc	acttccccgg	gttcatgagt	cagcagttag	ttatctaggt	atgtgttttg	420
tgttgcaaat	tcccatatat	agaatatggg	ccgggggacc	atagaaaagt	gagcagttgg	480
gcaaaattct	tccccaggag	gtgtgttcaa	gagaagaggt	tcagcccttg	aaagagcttc	540
cgtttctatc	ntcaciaaaca	tcntgaaaaa	taggctaaat	gttattctgt	gaagagtcac	600
tactggtttt	actgatgggtg	gaagttctca	gactgtctag	aaaggtaatt	ttaaaacgta	660
agaaaattag	acccctgtcc	ccagatctgt	tggtgttag	aaatctgtag	aaacttgagc	720
aggaggaagt	acaagaaagt	atgtagctat	tgtaatccct	ttcaggaagg	atgtgtttaa	780

agctctattg	ttagggcctt	tcgcttgac	tgtgaagtaa	ttttttactt	tttataagct	840
taaaggatgg	cttaataaga	cgtcttagaa	atgtccacat	tatattggat	caacaaacgc	900
caaagcatca	gtttgcgtca	ggggccacgg	ggcatgggga	ctaacggttc	attcttttgg	960
aatctggatg	cctaggtgca	gtagggc				987

<210> 106

<211> 1031

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1031

<223> n = g, a, c or t(u)

<400> 106

agtcctgccc	ccttggaag	ggtaaccttg	acctaacccc	cnaataantt	ncccttagga	60
ttgcttgcca	tggnttttac	gcgtaaccct	antaaactt	tgangaaant	tccttccctt	120
tgattctagc	aatgnaccgg	cattttgcca	atcnattcng	ctgnantaat	tatgaagttc	180
cggtttaanc	aatttgaagt	ttaacattca	tgtatcttca	cagtcattgt	tttttgtgta	240
tgatgaaacn	ccatgctgtc	ttgcnccatt	tgntcaggan	tgagtcattt	gtctagcntg	300
nccatgctgt	atatgctacc	natccatcag	ttattcatag	ccagcttggg	tgtngactaa	360
caacagtagt	ttcacantgc	tttgtgttaa	agtcaccttc	agtttattta	atgttggcac	420
caaagcacat	gntagtgtatg	tcagcantgc	tgatatgcc	gggaaaagcc	attaggtatt	480
cctttatgtg	taaaggttga	aaattgttga	ttgaatgaag	ggaaaaatta	ttctgctgat	540
tgatgttggg	aagggcatta	gaggatcata	ttactagttt	ttgactaagc	tctgaagttt	600
gtacatgaat	ttatggatcc	tccttgcaat	agattcctga	tgctctctaa	catccatctt	660
ctcatatgac	atccttctg	ccagatatct	agctttattt	tctctactct	gctgcaccac	720
tgctctgccc	tttggggatc	agtcgccata	gaatgggagg	aaaacaatgg	cctccttaga	780
ccatgaatgg	ccttctctca	gtaccatgaa	gaatcgggcc	atcttgtcag	agggaaattt	840
tccttacatc	ctcagtcact	gtttctgtca	ccattataca	ttatatgttt	gcctaagagt	900
gaggggtgatt	tgtgtagtaa	ggaatgtatg	tgttgtgtgt	gtagtttggg	tgagaacggc	960
tcccaaagc	tcattgtattt	gaatggntat	gaaagacntt	cacctgtagg	tttggcnagc	1020
tagaaaggag	a					1031

<210> 107

<211> 1138

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1138

<223> n = g, a, c or t(u)

<400> 107

caancaccnc	ncggananga	ccccggngga	annagagaccg	gncanacacg	acngnancag	60
cgaagnanc	ncgnnnnnng	cncgncagag	cgnnegancg	cgacnanagn	acngcgcga	120
nanganannaa	ncggngngna	ncanncagnn	gggaaacagc	ccagagagat	aggacancaa	180
acnaganagn	acacancgng	acgagananc	ccgaaagnnn	nanacnnana	nanaannaag	240
agaanagnnc	aacnnnnnca	nnngaccng	gaanaggggn	nnngaacngc	nancnccna	300
gnngcngan	cnanacacga	cngaagagac	gnngcngaa	naganacncn	gaanngnaac	360
aagananana	annngacagg	aancacnnag	nagggngngg	gcaagcgcaa	ngnnnganaa	420
nnnacaacag	aaaaagannc	anancanaag	ngncgagagn	annagaanna	gngaaanncg	480
nanncgcncc	gaagaagaac	gnnggacaaa	naccgacgna	ncnnnnncan	ngannaaanc	540
gcangnancn	gacnaggaac	gacngnaagn	gcnaaggnac	ganngncaga	nnanangaaa	600

cacgnnnnan	acannnacn	ancgcagcgg	nncaggaaag	ngngncnacn	gaggngngcc	660
aanaaganaa	nngngagann	acaaaaaaaa	ngngngncan	gcagnanaaa	accgagnncn	720
nnnnnannna	gaganagaac	gagannnnang	nncgaanhac	gcgnacaaga	anggggaannn	780
cgnangacgc	nncggaacaa	ngaccnnnnn	aaanncagnn	anccaacnag	gnaannnaga	840
nnnagngncn	ccannngaag	cncncacnaa	gaagaagana	ccccccccc	annangnagn	900
aagcncncnc	ngngaggnaa	cncgagaccc	cccnagnaggc	agcancgcca	agngnagcgn	960
ncagagnacn	nanntaacag	accgaaggaa	nagccgnaaa	acaccaaana	cnagacnacn	1020
agcnagnccc	gcgcacnnng	gagnaancna	ccnnncnaang	acngananeg	nggnccncgc	1080
tnttnngttn	aacgcancnn	ggggcggccc	nngggaacn	cngggggaca	aaaggcgg	1138

<210> 108

<211> 1072

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1072

<223> n = g, a, c or t(u)

<400> 108

cccttnaant	gggncccca	ngggnnntccc	ccccaggggt	ttcccccccc	cctaaanttg	60
cctttntaac	ccagggntgg	nnnnntggaa	tttttggaann	tggaggntcn	nnngnaacat	120
tnccgggatt	tttgaggagt	ttgaatgacc	ggaattntac	tttttgggtt	ccggcnggca	180
ccccntccc	ccaaggttna	gngagttttg	aaggtahaa	tcacaagggt	tttaaagggt	240
ttgaggatga	cagttcaacg	tgaagatntt	gacaangatt	gatttttgta	nacaggaaaa	300
gntcccnatc	ccaaccaana	aaaccgtgtt	naggcccaat	gttcagagct	cngggcncca	360
gggaagggca	aacgccaat	tgattggaaa	gctgcagttt	aagacatgtc	ccaggaattg	420
gtaccttggt	tgattggact	tanccttgca	actttgtttg	angcataact	tgntgtgtct	480
ttggggggagc	atttatgtgc	cccacttgag	acccatntca	ggacacgcag	gacacggtcc	540
cagtgaagctt	tccctccaga	gagaggtgnt	agggtccatc	agtgaagctnc	caaggacagg	600
ggaccagaac	ggtgaaaaca	aaccagggtt	gtgaaggaga	gcagggcggg	ggggggggga	660
ggggggggcgt	tctctagaat	agattgaacc	tgcaagctg	cntgctacct	gaagttgtca	720
cccttttacc	cacccacctc	atctgtctct	gcttgaccat	ctcagcaagt	gtcacctcgc	780
tgccaggaca	caagtttcct	aaagcttatt	tcagtgtcag	ccgctgggga	gacacattca	840
gggcatgggc	gtcccccagc	cctcggggag	aatgtgggag	gtggcgatgt	gggagggatt	900
cgagagaaga	gaatgcttaa	gaaccatcca	gggaacctgt	gcgtttgaag	gtctgagtta	960
cacacaggct	gctcagaagg	agctagagct	cccaaatagg	agctgtgatc	aggctgtgtg	1020
tgtgtgctgg	tgaaagactn	ccacctgtag	gtnggccaa	ctaaatgaga	tc	1072

<210> 109

<211> 1094

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1094

<223> n = g, a, c or t(u)

<400> 109

ggtttnggggt	ganatccctcc	caatgccnan	aanttcctt	ttttaagatt	ttttttttcc	60
gggaaaattn	taaaantttt	aactgggggtg	gnaaatata	aggntgttn	tgggggttggc	120
ccaatttttg	nanttttagga	aaagttcttt	gggtnaattc	cagcnttgat	tggaggagca	180
attatnttgt	tanaanttat	ggttgtgggg	atgcttgta	aatcttttag	atgtttcccc	240
ttctgtctcc	cTTTTggaat	ggtcttaata	ggttgchnaa	attntacntn	ttggatcagc	300

tttttnatna	gatttagccc	agtgtgctna	ncttgtgaga	cccntttnac	agganttgt	360
tggncattt	gaaacacgta	tttatgtcan	gattcataac	agtngcaaaa	atatagttat	420
gaagcagcaa	gaaaatcact	ttatgnttgg	aggtcaccac	aacatgagga	atgtattaan	480
cgcagtatta	gagagttcga	ganccactat	cttngaggat	gcgtagact	gatgtttccc	540
ttctcgcttg	gagttgacnt	tgccantaga	gggcaacagc	atcagtattg	ttcccagtc	600
ccntcacant	gattcgaact	ttaaggacac	tgatctctgg	ctggtagagg	gttcagcaca	660
cataccagag	ttacgagtca	cgtgccagaa	gggcaaactg	aacacggaat	tagagggaac	720
tcgatgtctc	cggcttgac	tggtcttctc	ttgcactaga	atcnttcac	ntgctcccag	780
tccgggacgt	ccaggcaaca	agggcgtgga	aagtgagggg	gctgggaggt	gtgtttgcct	840
tgccctcaggc	gctgggtggg	gttggggcgt	gccagcactc	cctgggcggg	cctcaccgat	900
gctggccact	ataaggccag	ccagactgcg	acacagtcac	tccctcgcac	cactcttttg	960
gcgcttcatt	gtcagagtgtg	gtgagctctc	actggggcgt	ccctctaaga	tctgtccact	1020
cctgggtttta	ggggttaagc	ctttcgtgcc	cctgaaagtt	ncccacctgt	agtggggcaa	1080
gctaaaatga	gatac					1094

<210> 110

<211> 1107

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1107

<223> n = g, a, c or t(u)

<400> 110

atctcattta	gcttggccca	cctacagggtg	gganactttc	aaacctgtgg	gagacccctt	60
tcacaggaat	tgcttgagac	catctgaaaa	cacagtattt	atgtcacgat	tcataacagt	120
agcaaaaata	tagttatgaa	gcagcaacga	aaatcacttt	atggttggag	cgtcaccaca	180
acatgaagaa	tgtattaatc	cgcagtatta	gagaggtcga	gaaccactat	cttagaggat	240
gcggtagact	gactgcttcc	cctctcgctt	ggagttgacc	ttgccactag	agggcaacag	300
catcagtatt	gttcccagtc	cccctcacac	tgattcgaac	tttaaggaca	ctgatctctg	360
gctggtagan	ggttcagcac	acataccaga	gttacgagtc	acgtgccana	anggcaaact	420
gaacaccgaa	ttanagggaa	ctcnatgtct	cgggcttgca	ctggtcttct	cctgcactaa	480
aatccttcat	cctgctccca	ntccgggacg	tccaagcaac	aaaggcgtng	naanttaagg	540
ggctgggaag	tgtgtttgcc	ttgcctcaag	cgtgggtng	gggtttgggc	gtgccaacac	600
tccctgggcg	gggctcaacg	atgctggcac	tataaaggca	accagactgc	gacacaatcc	660
atccccctcaa	caatccttgg	gngcctcaat	gtcnacntgt	tgtgagctcn	cactggggng	720
tcccncaaaa	tttgtcactc	ctggctnaag	ggttaaaccn	ttcctgccna	tcaacctctg	780
cnggctcaat	ggtggaatgc	actggattca	aattttcggg	gccaaggaa	acaaggaaaa	840
ccagggtctgc	tnggctgtnc	aaaaaaaaancc	cagggttaagg	gancccatgg	gngggaanct	900
aaacngcntt	tctnggggtc	aagaagggtt	tccccggggg	tgtnaacccc	ccccaatntt	960
tgccccctca	ggaggnnttca	ngggaanccc	cattccctcc	ttgccaatca	aaagccccat	1020
ttccttgaan	ccngggggaa	nntttaaaac	ccnaancccc	tccattntta	acccccccca	1080
atggnccngn	ngnacnttg	nnntttg				1107

<210> 111

<211> 1069

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1069

<223> n = g, a, c or t(u)

<400> 111

aatttttttt	nccggnaaaa	ttttnaaant	tttaantggg	ggggtaanna	nnaagggtgt	60
ttctgggnnt	ggcccathtt	tgcacattag	gganagttnt	ttggggtaaa	nttccagcng	120
ttgattggag	gagcaagtga	tnttgttana	atztatgggt	gtgggggatg	ntgttaaaat	180
cttttaggat	tggttcccc	tntgtctccc	tttttggaca	tggntcttan	atagggtgnt	240
caaaattcta	cntnttggaa	tcagcntatn	tcatcaggat	ttagcccagt	gtgntnaacc	300
tgtggagacc	cntttcacag	ganttgcttg	agaccatttg	aaacacagta	tttatgtcan	360
gattcataac	agtagcaaaa	atatagttat	gaagcagcaa	cgaaatcact	ttatgggttg	420
agcgtcacca	caacatgagg	aatgtattaa	tccgcagtat	tagagaggte	gaganccact	480
atcttagagg	atgcggtaga	ctgattgctt	ccntcttcg	cttgaggttg	accttgccan	540
tagagggcaa	cagcatcagt	attgttccca	gtcccctca	cactgattcg	aactttaagg	600
acactgatct	ctggctggta	gagggttcag	cacacatacc	agagttacga	gtcacgtgcc	660
agaagggcaa	actgaacacg	gaattagagg	gaactcgatg	tctccggctt	gcactggtct	720
tctcttgac	tagaatcctt	catcctgctc	ccagtcggg	acgtccagge	aacaagggcg	780
tggaaagtga	gggggctggg	aggtgtgttt	gccttgctc	aggcgtggg	tgggggtggg	840
gcgtgccagc	actccctggg	cgggcctcac	cgatgctggc	cactataagg	ccagccagac	900
tgcgacacag	tccatcccc	cgaccactct	tttggcgctt	cattgtcgac	gtgtggtgag	960
ctctcactgg	ggcgctccct	taagatctgt	ccactcctgg	tntaggggtt	aagcctttcg	1020
tgccttgaaa	gatttncacc	tgtagggtgg	gcaagctaaa	agagangcc		1069

<210> 112

<211> 1058

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1058

<223> n = g, a, c or t(u)

<400> 112

caggtttttg	gttttccaag	gncccccccc	tgggggttac	aaaatggcgn	nnantcgngg	60
tgggaaccng	acgggtttta	gntaccgggt	ttccccttg	agtccttg	ggttccntc	120
cgaccttcg	ttaccgggtac	ctgcccncct	tttcccttg	gaggggtggg	tttttcatag	180
ctcagctgta	gtatctcagt	tcgttttagtc	nttngnccaa	gttggtttnt	gcaggacccc	240
cngtnagccg	gaccgggtgcc	ccttatccgg	taatatgtc	ttgagtccaa	ccngtagaca	300
ngattattgc	cattggcagc	agcaatgtaa	caggttngca	gagcgaggta	tgtaggcggt	360
gtacnngggt	cttgaagtgg	tgcctntaant	tacggntaca	ntngagggac	agtatttggt	420
atttgcgctn	ttgttgaagc	cagttacttt	nggaaggag	ttgntagttc	ttnatccggc	480
aaacaancca	cngttgntag	cggtgggttt	tttgtttgca	agcagcagat	tacgcgcaga	540
aaaaaagnat	ctcaggaaga	tccttttnatc	ttttctttcg	gggtctgacg	ctcatgttgt	600
gtggaattgt	gagcgggata	caatttcaca	cagaatttct	cttagaaaaa	tctgtccttc	660
agaaacttaa	attctgctgt	tccataacag	aagtcagcaa	gtgactcacc	ctccagatac	720
aggtatatta	cctccactcc	catccacaga	gactcaattc	tagtcagctt	catgatagtg	780
agccttcate	cgtaaggagc	tgtatggtat	gggaagggga	tacagacagg	gccaggggtg	840
tttttaaacy	gtaaccagag	gaccacatcc	attaaaaaca	ctggactgtt	tgtgagagtg	900
tatatctctg	agcattgcct	atcccttaag	gtactacaaa	atttgggagt	gaggctcagc	960
aaactathtt	aacatgcctc	tcccacccaa	ctactcaaga	ttccccgtgc	acagttgaaa	1020
gnttttccac	ctgnaggtgg	ggccaagcta	aaagagat			1058

<210> 113

<211> 1046

<212> DNA

<213> Rattus norvegicus

<221> misc_feature
 <222> 1- 1046
 <223> n = g, a, c or t(u)

<400> 113

cannaaaann	agttccaagg	aantggntgc	ccngaacaag	gacccaaaac	ntgnnnnana	60
angggggann	naanggcana	annnatggac	gagagtnaan	ancgcnangn	agaagantna	120
aaantcncca	nntggngccc	caaattnnnc	aattgancca	aancnntaga	ggnncccaag	180
acnaatgggc	actntganna	gancngggca	gaagncaagn	gggggannt	catagnnaca	240
tggnaaaat	aaagntntgt	aaacccggan	tggcaatnga	aaccagcaaa	gacccatgaa	300
cgtgagngan	accagttgga	aacaatgaan	nnantgggtg	antnacagga	atgnggtnan	360
gacgcnnagt	gancccaaan	aggcaacncc	attgaaagcc	ttcncncca	tggaaatact	420
gtanntaaaa	caaacaaaca	aatnacaaaa	anaaaaaacc	caaagcttaa	gtggagtgcc	480
cnttccagnt	agccaccnnn	taagaactgt	aaatcgaccc	ntcccangcc	agatgcaggt	540
aaggnaggat	tacaggnatn	tcggaggggt	caggagggaa	tgggtcncaa	nntgagctga	600
ggcncnggtg	anttncgcta	cntcgnaaaa	aangagaagt	catgtgggac	gnatgtgtgt	660
aagcacagct	cntgtgagnt	caagtcagca	acantatgcc	atactctgaa	gacagaggnc	720
cataatagna	ttgttacang	atncnngact	tttanaaaan	caaaatccta	aatcctattc	780
tcctgtggcc	cacacgaaac	anccatccat	caggatcatc	tcacagttgc	ctctgannnt	840
tngtnttctn	ggaancntan	gntntcggag	ttggggacgc	aactcagggc	cgtgtgcttg	900
ctaggcaagc	gctctaccag	tgagctaaat	ccncaacccc	cacagntgcc	tcntntgatt	960
gnaggtntcn	tateccnttc	ttttgtggca	agntcttctg	ggcccentga	aagtgaannc	1020
acntaagngg	ncgccagcta	agnaga				1046

<210> 114
 <211> 1083
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 1083
 <223> n = g, a, c or t(u)

<400> 114

ctcccnggcc	ccaaaaattn	ttttanaaan	tttttttttc	gggnaaattt	tnaaaatttt	60
aagngggggg	aannacaaag	nnntntntgg	gntggnccaa	tggggaaaat	taagnnnann	120
ttgnntgggg	tgaattcccg	ccntngnttg	gaggaggnaa	ttatnttgta	gaaatttatg	180
gttgtggggg	atnttgtaa	atcttttgaa	tgtgttcccc	ttntgtttcc	cttttgggac	240
atggntctta	ataggtggnc	aaattttacc	ntnttggaat	cagcctatct	atcaagatta	300
gcccagtggt	ctcaaccttg	tggaaacctt	ttaacaggat	ttgcttggnc	catntgaaac	360
acagtattta	tgtcaggatt	cataacagta	gcaaaantat	agttatgang	cagcaagaaa	420
atcactttat	ggttggagcg	tcaccacaac	atgaggaatg	tattaatccg	cagtattaga	480
gaggtcgaga	accactatct	tagaggatgc	ggtagactga	ttgcttccct	tctcgcttgg	540
agttgacctt	gccactagag	ggcaacagca	tcagtattgt	tcccagtcct	cctcacactg	600
attcgaaact	taaggacact	gatctctggc	tggtagaggg	ttcagcacac	ataccagagt	660
tacgagtcac	gtgccagaag	ggcaaaactga	acacggaatt	agaggggaact	cgatgtctcc	720
ggcttgcact	ggtttctctt	gcactagaat	ccttcactnt	gctcccagtc	cgggacgtcc	780
aggcaacaag	ggcgtggaaa	gtgagggggc	tgggaggtgt	gtttgccttg	cctcaggcgc	840
tgggtggggg	tggggcggtg	cagcactccc	tgggcggggc	tcaccgatgc	tggccactat	900
aaggccagcc	agactgcgac	acagtccatc	ccctcgacca	ctcttttggc	gcttcattgt	960
cgacgtgtgg	tgagctctca	ctggggcgctc	cctctaagat	ctgtccactc	ctgggttagg	1020
ggttaagcct	ttngtgcccc	tgaagtttn	ncacctgtag	gtggggcaag	ctanagagat	1080
ntt						1083

<210> 115
 <211> 913
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 913
 <223> n = g, a, c or t(u)

<400> 115
 ggggaaaaaa atntgggncc ctttnaaaga aattctggaa anccgccggt ggggnatttt 60
 taanataggt ggggnccnaa aanccttgatt ttccctcttc cctttgantg nntaaagtgt 120
 cnaanttccc ttgggacgcc nttaacaaga ttagccngtg tgtaaccttt gggcccttta 180
 acaggattnc ttggccntnt gaaacacgta tttatgtcag gnttntaccg tngcaaantt 240
 ngttttgagc agcaacgaaa tcactttatg gttggaggtc accacaactt gaggatgtat 300
 taatccgcag tattagagag tcgagaacca ntatcttaga ggatcggtag actgatgttt 360
 cccntttngc ttggagttgn cttncacta gaggcaacag catcagtatt gttccccagt 420
 cccctcaca ttgattcgaa ctttaaggac actgatctct ggcttggtag agggttcagc 480
 acacatacca gagttacgag tcacgtgcc aaggcgaac tgaacacgga attagaggga 540
 actcgatgtc tccggcttgc actggtcttn tcttgcaact gaatcnttca tcntgctccc 600
 agtccgggac gtccaggcaa caaggcggtg gaaagtggag gggctgggag gtgtgtttgc 660
 cttgcctcag gcgctgggtg gggttggggc gtgccagcac tccctgggag ggcctcaccg 720
 atgctggcca ctataaggcc agccagactg cgacacagtc catccctctg ccactctttt 780
 ggcgcttcat tgtcgacgtg tggtagctc tcactggggc gtccctctaa gatctgtcca 840
 ctctgtgtct agggnttaag cctttcctgc cctgaagac cntacntgta ggttngncaa 900
 gctaaatgag atc 913

<210> 116
 <211> 1123
 <212> DNA
 <213> Rattus norvegicus
 <221> misc_feature
 <222> 1- 1123
 <223> n = g, a, c or t(u)

<400> 116
 acgcnatntt ggtggaattt ggggggtaaa aattttnaac gaattaggna nctcagggna 60
 cnaaatccga aatggggaat ngggnataat ttcgaacont ttnggaggnn ntaaatntaa 120
 aaatgaggnt aattggnttn gaaangcnta tcaggcatc caaatnttta aatttccctt 180
 ggccagagat tggggaaaat tttccccgga ntccagnttt aggttnnttg gaaaaacggg 240
 gccccaggga ttgttgaccc ntcccaatn aaggnggtct tccntccaan gcctttnggg 300
 gnaaacccag ggggggnttn agggggcccaa ttcaggaaaa ggggaccgga ntcgggtccc 360
 ggaaggnttc ccgnggggga atcaaccggg ttccctctcg gaggcggggg gggaccttta 420
 ggtttccctt tgcaggggta anatccctt tttcaaccg gggggtttgc ggggnacgcc 480
 cttttgccct tcccttccc ttgcnnggcc cgttttgcc aattnggccg gtcctaactt 540
 gttggcgcaa gggacttttg gcagccccgg ccggtttggc ggttggactc caagggggta 600
 acagggccaa accttttgt tgaaanaagt taacttgcc cccagtcag gcgtcagtg 660
 gnangtgacc ccgnttttag gagtttgccc cngccnttag gccttgcccc cagaggctgc 720
 cccacntact agagtgtgc ttggcgcgat gacgtangan gacgcaggcg cagtgagtag 780
 gcgacgttg gacggccctt ggttgtgtcg gggcggaac tntgntggct ttgagcgctt 840
 tcnaaacagt aggttgcttg gggctctgc gcgtcggaat taaggcgggg aggagcaaga 900
 aaacagggat cctccagtc tgtggaccga cccgagtcct gcacctttt taaggcctgt 960
 gttgcggtc cgcgcggcca tcacgcattg catcacggtt ttactgtgtg ggaaacgtag 1020
 ccgtccatac ctgggtgtag tcagggaact ttatggtggc tgtcacgcag gcgatttgn 1080

aattgaaaga ctttnnccctg taggnanggg nagctaaaaa gat

1123

<210> 117

<211> 1116

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1116

<223> n = g, a, c or t(u)

<400> 117

aattttttaa	ccnccccnt	tttnaagntt	gaanttgc	an	tgcctaggag	ccctattttt	60
cccccttgn	anttttcccc	gtaaataagg	naatgntg	na	nttgatttta	ncttgcccaa	120
aaaaaacnnt	gttcttnaat	gcaaggtant	tgggggttat	t	tattntgaaa	ggcaactaat	180
tnntaatggt	ggattnaaca	attttgaagn	ggattaaana	a	aaanaaatna	ttgntttcca	240
ttggnggtgt	gggnttaaaa	cccttggttn	ccagggttcc	a	antgggttca	ggccctttga	300
gngggntccc	cnttcccccg	gaatnggntt	gaaccggaaa	a	ttgaacattt	tgcacccttt	360
tccggnggcc	cttaaggatt	gcagcnccag	ttgcggggaa	a	ggggtaattc	cttgcccncc	420
gtggaagggg	tttcagnttc	cttcccaacc	cccccccg	c	cgggagtccg	gnggggcggt	480
ttntttcacc	ttaagggcgg	gcgtggantt	aaattaagcg	c	cggggngggg	ntcccaagcc	540
ntccggcccc	gctttggttc	cttntgggcg	ccgggggcna	a	acggccccng	gggctttggg	600
cggttntecn	nccggccaac	cggncccgt	ggttgntggg	t	tagggccagt	gcaccnggag	660
ttncgggggg	caaccaaag	tccaggactt	angctntgca	a	aggagtgttg	gataggactc	720
ntacaatggt	ccctccctcc	gtttgcccc	gaggcccttt	g	gggagctggt	tnatcccaga	780
actcagttag	tactctcat	gaagcacggt	tggctgcttt	t	ggaatgctgg	gcaaccccag	840
aacacagtgc	tgtactagta	cacacacaca	cacacacaca	c	cacacacacg	ttacacatgc	900
tgacacaaac	atgaaaatgc	agtcaacggc	aggcagagat	g	ggatggatgc	acattgctgt	960
ggaatggtac	actttgcacc	tcacactctt	ccagaggggac	a	agtccataca	acactcagct	1020
tcgcttccca	ctataggett	cacatgacca	gctcttcagc	g	gtcggaaagg	acngtactga	1080
aagacttnac	ctgtaggnng	gncagctaaa	aagatc				1116

<210> 118

<211> 900

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 900

<223> n = g, a, c or t(u)

<400> 118

ggnggttngc	tctcagatgc	nagntacnnn	tcagggggng	t	tctcagaga	aaanctnatg	60
tgtgggggnt	antntgtatc	ccctnnnctc	nctcgaganc	c	ccnnntctcg	anattttggn	120
gaccnggggc	cggggcccag	anactcncca	ccccatatgg	n	gaccctnta	taagtgtcnn	180
ccagggnntg	ttttgggnaa	aatatanenn	anagnggtgt	n	ntntnanatc	tcgggggggtg	240
acagaccenn	atTTTTTTTT	ataaagaccc	ggggcatntt	c	ctcngccccc	tctcctcngc	300
tacangnnac	ccacacacag	tgtgtctcct	ctcagccccc	t	gggcacactt	tnntntngant	360
cngnggggat	atgagattcn	cnagactggg	nccgcnntan	t	tanncncccc	cntgtctcct	420
ctcatagtgt	ngtgtcccc	cctcaccenn	tnntgnggtt	c	ccctacaccc	acacaaatnta	480
gactctnccc	ncentengct	ntgngacnca	canctgnaaa	t	ccccgnnncn	caaaaagggc	540
tgtntctctc	tctnttaacng	ggnggtcncc	cncnnnnagc	t	cttnaaangt	ccctcncaaa	600
agggacnctt	ttctatacac	ncttantttt	cctcctttgt	n	ntngcaaaaa	annancctgt	660
gttnccccc	nctttatnat	ntttnttttt	ttccccaac	t	aancttttta	ggntntnanc	720
tccggggccc	caaccccaaa	atcccantnt	tctttntnt	t	tggttggggg	gtcaaaattc	780

ctnccccctaa anttttgaac cccctttaat tccccccccc ggntnaaggc ccnacttccc 840
 tnggntnttt tcnctaaaaa attttttgtn gccctccctg ggaaatcccc ggtattcctc 900

<210> 119
 <211> 498
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 498
 <223> n = g, a, c or t(u)

<400> 119
 atgttggtg gaattgtgag cggataacaa tttcacacag aattcagaag gatctcagaa 60
 attgaaagca tgtgcaaaga taaagatttg gggtagtagt agtgggtcaaa agggacaagg 120
 taataatggt aatatgcttt tgtgtatgtg ttctttttaga gttatgttaa aatctagaga 180
 agcaaagtcg attctcatag atgcttttag tctttggacc ctgactagag acagtttaca 240
 ccctagacaa gagagagaat ggggttgagt aaaacagtcc tcccgaactc tccacagatg 300
 ctttggaaca agaaggaaat gagcttaaac tttttggagc tctcctggga acagaaggag 360
 gtgggagacg tcttgccctc ttgctgctcc tattggagaa gtgcttattt ctggttctgg 420
 gttttttagg taggntgtct ggggcccttt ggtntgaaag accttacctg taggtttggn 480
 cgntngaaaa gatcntgg 498

<210> 120
 <211> 380
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 380
 <223> n = g, a, c or t(u)

<400> 120
 aatgggnggt ttccgaaaaa aacgcnaaaa aaaaagttag ggaatttggg gaattaagaa 60
 nccgggaacn tgnaaacatt gaccaanctt gttttaatta ccggtttggg gnaaaagggg 120
 caaccccaaa ggggaaggga anggaangga aaatnaattn cctttnnaaa aaggagnaaa 180
 tncgggtang gaaaattccg gtgnggggtt ttcaaaggct ccccccggn ggnntaaaaa 240
 attgaagttn antcnngggg gggaacccaa nagaatataa anaaaccggg gtttcccccn 300
 gggagttcct tgggggtttn ccggttcgac ccgncgntta ccggaaacct ntncctttt 360
 tcccttgggg nagggggggg 380

<210> 121
 <211> 998
 <212> DNA
 <213> Rattus norvegicus

<221> misc_feature
 <222> 1- 998
 <223> n = g, a, c or t(u)

<400> 121
 acatgtacac aactgggtcc cagccaagtc aggttccagc tgccagcaga ggcttgagc 60
 tagcttcgcy tgcactacca ccctgcccac cctggcactg tgcccattga ctgcgggggg 120
 ccgggggcag gaggtacca cctccccacc ctctcttcc ctctctcag gagcttatct 180

atcgggtgagc	agcaagtagg	aaaaggtaag	ctgagaaaga	gcacttggct	ggctacagga	240
cctcagcctg	aggtgtgaaa	caggagactg	ggcactgggg	aaacagcagc	actggctggg	300
ccaaagggga	gggaggaagg	caatgaatgg	gcaagcctgt	gccttacaga	aacagactcc	360
cttgggctgg	gtgctggaat	cctaaccctt	cagtgatggg	ggaactctgc	tccagtgagc	420
tgaagtatac	atgtggggaa	ttgggggggtg	gggtaggggg	aaggcaatcc	aaaggctcact	480
cccctgacct	agttggacca	cagttaatta	aggctcccaa	gccctgctga	ctcttnacgt	540
ctggtttctg	gaaagaaggg	agttaatcag	caaaqaattt	aagaaaggta	taactgtcta	600
cccctgcaga	ggatcatggg	ttncctctct	anncttctga	gccgtggatc	tcagccaaaa	660
acaaaaacca	aaacaaagaa	acaaacgcct	atttaaaagg	gggttggagt	tgggcagggg	720
tgaggtngtt	agatcatctg	agagctccag	gacacgcana	tagttgaaga	ggaaaccaag	780
atccaaatgt	cttctgacat	cacacgggat	gcagcagcac	accaacatat	actttancct	840
cnccagagag	gaaaacaacc	gcctagttaa	taagcagagt	tgggctgttg	gcaaaccgtc	900
attccagatc	tgaggnaagt	tggatggttc	gggtgtctat	gttnacntaa	gacctgtttt	960
acaagctnnt	atgggcaagg	gctttggttc	nagnaagg			998

<210> 122

<211> 970

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 970

<223> n = g, a, c or t(u)

<400> 122

ccggctnccg	aaggannttg	aaccttcccg	gtttttaann	aanaccgna	tnttcgggat	60
tgggttttta	acggcttttt	ttanaaggcc	nagataccct	tttnatggcc	tttattccct	120
tccgttttnt	tccccccctt	caatttgga	gtttggtttg	ccgaanttta	agttnttgtc	180
ntcctnecgt	ntttttttcc	ntnttttttt	cccaaaagta	acaanccggg	attggtttcc	240
aaggntnttn	ttgaaccctg	aatngcggnt	ttccggttta	ccnagggttt	gttcctnngc	300
cgnttccctc	aattttttgga	ntttcccagn	tnggggtccn	ttntcttgtt	nacngttcca	360
aacntaattg	acanttaatt	tttctgtgt	aanttgctcc	cgganattnt	gggntcttgg	420
ngcagggcct	tttttcattg	gaagcaaccc	cntaaatttt	taccaggctt	gattgtttag	480
gaagtaatcc	ttgcttngaa	nccccacttn	ttntttccaa	ggntggaaac	caggattttg	540
gaactgcaga	ggcttcaggg	tctgggaagc	ggagcangca	aagantggag	tgcactgtcc	600
ttttgcaata	tggggtttgc	ttgcttgctg	gctcntntcn	tgctntntca	gatggtgact	660
gaggctactt	cagcaggact	aggaataatc	atgtccagggt	ggntgccctt	ccgagcagaa	720
agggacagac	gtggggcgat	gaagttgcta	tcgttttttt	ttttttctgc	acagactgca	780
aagtgtgcag	agggaggggag	gctgtgcaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaac	840
cgaggacgca	gaagttagac	tgctgaccca	tttggtgcat	gtgtgcccac	ggagggagggg	900
gaccttctca	aaagggttca	cgcagcaagc	attgaaagnt	tccacntgta	gngtcgcaag	960
caactgagat						970

<210> 123

<211> 884

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 884

<223> n = g, a, c or t(u)

<400> 123

ngggcccccc	tcgaggtcga	cggtatcgat	aagcttgagg	gacccacgtg	atggaaaggg	60
------------	------------	------------	------------	------------	------------	----

agaagcaatt	tagtgtctctn	tgctctctga	cctccacaag	tgctgtggca	tggggacaca	120
ggactgtaca	cacacacaca	cacacacaca	cacacacaca	cacacacgca	cgcacacaca	180
cccctcaagt	aaccgtggaa	taaaggtccg	accagaaacc	acgctggaac	gggagatgct	240
ggagcacatc	aggggtggtgc	taagcagcag	atcggcctgt	aactggcagc	agaggggtgt	300
ggctctttca	gaaccaggag	ggcatcgccc	ctccagccag	actctccagc	tttcttcccc	360
tccttgccctc	ctgttttccct	tctgcctacc	ttcctttggc	ctcaaaccat	aatgtgcaac	420
acattcaaac	tgtagtaagt	gttttaattt	tctactaaac	aataaaacct	ttagattttc	480
actgggccag	tgctggtaac	agcagactgg	gtggagtatc	acagaggggtg	tggagcaagc	540
tggctaccca	gggctgggca	cactcaacac	tctggcattc	ngtgggaagt	ctgggcagta	600
aaaacagaag	canacgtcac	gcacagggtc	catagtgtna	ggcatcttaa	tctancnaga	660
anacctgggtg	ttnagtntgt	nnacaaaaann	gantgntgna	cttggacagn	ggtgtttttn	720
tcccagggct	tccaggantt	aggggtatac	caggccann	acattgggna	aacgtgtgtg	780
tnaannnttt	cntntnaaac	cncnnggtt	gacnactngn	nttcntttt	aanggnccca	840
gttccccttg	gggggttngn	tntggaaaaa	ggctttccgg	tttc		884

<210> 124

<211> 855

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 855

<223> n = g, a, c or t(u)

<400> 124

ccccttccgg	gggggtttana	anggaatnaa	tgggtntntn	ccaggggggg	aaacccttna	60
ccgcgngcct	ttcggaattt	tngtccaccg	naaaaaattt	nccatgngca	ccatgnaagn	120
tnacgagggg	attnggggtt	anagtttttg	agtgggpcaa	nangaacatg	gaggaatatt	180
tgttttgggt	tgngaaccat	accttggaag	gattgtat	ttatccgcca	acaaccacng	240
tggtagggtg	tttttttggt	tgacagcagc	gataagggca	gaaaaaagat	ntcagagatc	300
ctttgatntt	tnttcggggg	ngacgttcat	gttgnngnga	ttgggagcgg	anaacaattt	360
cacacagcaa	ggagaggagc	caatatagag	gggaaaaaaa	aagaagggga	aagcagttag	420
tttaaaaagt	tgagagaaca	aagtatgttt	tgnttgatg	ggcaaccaa	gaagcntgcc	480
aggaatgggtc	ggtaaaaggt	gtaagagtca	tgaaagtntt	ctgtccaacc	gttaccggaa	540
acatgcaagg	aatttcttag	actggccagg	attggattgt	gggaaaggtn	tnttcaagcn	600
tccccttggtc	ttttatggca	agaaaaatagt	gcggactata	gagagcgctg	ttctcaaagc	660
tttccccaat	agcagaaaag	cattgtccta	aattcccta	aaggcaccgt	gaaataaata	720
ttacgggaca	cgatggcaca	agaaggagct	ttcaactctg	ccaccagaac	agttatactt	780
catagtaacc	atgttgccct	gttcaatgac	aaggcacgct	ctccagcaga	aagggaaaag	840
gagctgagtt	cgcac					855

<210> 125

<211> 1059

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1059

<223> n = g, a, c or t(u)

<400> 125

caatttttaa	aaaaaagaat	ttgggtttta	tccaaaantt	gnnncaaaaa	ttgggtgacc	60
ntttnaaccc	caaaaccatg	nnttgncctt	tcccctnacc	ngtnatagtg	nttgnantgt	120
aaccacaaca	tcaacggnta	tttgttcagg	ganttnttgg	taccaggcnn	ttgggtttga	180

naanacggta	ggtccgggaa	gcnttgacgg	taagcccngg	gganaagggc	caacggngat	240
cccaaattag	gagcttgacg	cattgttttc	ntttgcntgg	aatgncattc	ttctcttctc	300
cntttatcta	gaaaacgntt	actcatgctt	caaanccacn	gttgacttcc	ccagcattgn	360
ttcnctagc	tccttctttg	aaacaactga	ttgggaaatc	aggaggatan	gaaaagcttt	420
aacaagagct	ttcaggggct	ttcggagaga	actcattctt	gtaggacgca	ggccatgcaa	480
gcatcaggct	ctgccttctg	gaccccagta	taagacata	tgcacaactg	cagtgggtca	540
tacttgtaat	cccagtggtta	ggaagactta	gacttgagc	ttgctgggtca	gactggtaag	600
cccagttcag	tgagaccctg	acttaaaaaat	gaagttggaa	agaaatttgg	aaagataatc	660
tggtattcat	ctctgggctc	tatttgcaca	ggcacacaca	caaataatac	aatataacat	720
acacagaaag	agaaggggag	ggaggaagag	aggagggcg	gtagagaact	tgtgaatgtc	780
ttttgatagg	ttttttttta	agttattgga	ttaaaccatc	agcagtgtca	cattgggttaa	840
gttaaaaaata	ataaaatgaa	gcaacttatc	tttgcgtgaa	ttcattactc	attatgagag	900
tttgataaaa	aaaaagagga	gtctcccaca	gttttctgt	ctcatctttt	actccagggg	960
acggtcacac	tattcagtaa	gatacctagg	ctatctggct	cactggactn	ggcgtgaaag	1020
actnnacctg	taggtttgng	cgctgaaaag	atcttnaac			1059

<210> 126

<211> 1042

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 1042

<223> n = g, a, c or t(u)

<400> 126

aaacncnttc	tgaancccca	aatcctnaga	atnttttnaa	aatccccng	ggngnagcc	60
aaattttaacn	nttttttcca	agagcatgaa	cagngngatt	cttggganag	ctttnggggtt	120
ccctttttnt	naatcnncat	ngagggttct	aantgaacct	naaggnnatt	taacttttna	180
tggaacaaac	cgttggtgt	gtcccctcct	tgaganttg	agttggaact	taaaaaaac	240
ctttccnaaa	aattgtgtaa	tctgantcca	aacccaaag	aggacaaatc	cagtgtagga	300
ggnatttagg	caaattaaac	tgacttggtc	aactttctga	aaatgatgtc	ttgatttcag	360
gaaggatccc	cagtgcntcg	gggacntgaa	aggagatgt	aacccttgag	ctcatggnta	420
ggaagggaaa	tcttagagac	agcttggtaa	aatctgagtg	agggtgagag	gttggaggac	480
cacattgtgt	atntgctcat	ccctgtgagg	gagagacttg	tactctgctc	ttgagaaggc	540
agaactgtta	ggcagacact	tagagaatat	atgtcatggc	aaangacatc	cacccaacaa	600
gtcttcagta	acaaagcact	aaacagaaag	gggttgaaag	gacttggtca	gtggcatgag	660
agnttttatt	gctcttacag	aggactcggc	atgcntagca	gctcacaaca	gcctgtgact	720
tcaacactat	gcctcttggc	ctcaggagac	acctgtgtac	tcccaccng	acacatatat	780
ttaaaaataa	aagaaatctt	ttaaacattg	agcaaagtga	atcagggtact	aacattgaat	840
atatctgggg	ccaggaatta	ttctgggtta	ttgccttttt	cggaagccta	atatcacaca	900
tagagaaata	ggcagcacag	gcctaacagc	ccatantgtg	tgctattcta	tcaatagtgc	960
caagtattga	catggactat	tnttaaggcc	aaangagagg	tcnccagaaa	gttatacatg	1020
taggttggtg	cgctgaaagg	at				1042

<210> 127

<211> 960

<212> DNA

<213> Rattus norvegicus

<221> misc_feature

<222> 1- 960

<223> n = g, a, c or t(u)

<400> 127

C

ggcccnnaat	naaanggnng	gttgaacccc	ntnttngaca	ngntgccc	aaantacnggn	60
aaccattncc	naaatttnna	agtgtgggat	naaggcntgn	cccatnatcc	tcctnttga	120
ntgcncccaa	agtaaagncc	aanttgaggg	ngganntttt	ttgaaacgta	attaanattt	180
ttccgataag	gaaacggagg	cccgggaant	gatccntttg	gagttaccag	gtcagtttag	240
cattaggntg	acagttgnga	ccaattnatc	cttgcccgtt	ggttggaagg	agaggggant	300
aagggttaag	ctontgagtc	ccttgaaggc	cttggaatcg	ggaattccct	taaagccaac	360
ccctttgccg	ttgaactgca	ccaaccagat	gtctnccagt	ttgcttgaag	agacgggatt	420
cantgntgtg	gagaggggca	ggagggntgg	gaggtgacnt	nacaggggtc	agggattctt	480
ttagaagggg	ccaggtcat	ggcttcccc	ccccccagcc	aggtcagaca	ctaaagtgtc	540
ttaagccctt	ccataacctgc	cgctccccc	ccttgatga	agccggccat	taggcaggga	600
ccgtctctgg	gagaggccaa	gccctctggc	tcacttgtgg	atttccttta	agcaagactt	660
cctctctgct	tccaggactc	ctgtcaaaca	agaggggtccc	tggcttagag	tttgggagct	720
gcaggcagaa	cagacattcc	ccgatgactc	acaagcctgg	aactctgtgg	gccagcagga	780
atggggatgg	ctttctggtc	agtcagggtc	aactgggaca	ctcactctga	gacagggagg	840
caaggagaaa	acaggtcaga	ggtagagaga	gctcagtcca	gggactcacg	gtgaggtccc	900
taaggtgcgt	aggagagaga	tntaacattc	ggtttgggna	gctagaaaag	atctntaaaa	960